

TABLE 1

Clone ID	Clofibrate	Fenofibrate	Captopril	Enalapril	Dexamethasone	DES	MCA	LY294002	Ins/LY294002
26474					-4.2				
60123						2.6			
63038	-3.95	-2.9	-3.16	-2.97	-2.36		3		
72713							2.96		
85606									
86390	-2.83								
118501	4.87		4.36	6.06	2.79		4.54		-2.4
121785							3.3		
136073							3.1		
160822			2.5	2.39					
167081					2.14	2.85		-3.38	
172023					-5.8				
211389			-2.52		-2.85				
237027						2.83			
293477									
271299									2.91
279249				4.08			5.48	6.7	-2.15
279898									
280932	-2.8	-2.67							
293477						2			
311346							4.59		
318486							4.11		
341884	-2.32								-3.33
348143	2.11								
388964									2.77
389362									2.88
407032	-3.05								
408886							4.93		2.47
419492									
437481		2.44				2.24			2.51
442723									
443991		2.47				2.62			
450856		2.49					2.89		
452321		3					4.3		
454839							3.4		
459372								4.65	2.63

TABLE 1

Clone ID	Clofibrate	Fenofibrate	Captopril	Enalapril	Dexamethasone	DES	MCA	LY294002	Ins/LY294002
460779	2.26						2.41		
462069		-2.27					3.22		
480791						2.73	5.65		
481402							3.05		
510056							-2.61		
511448							3.28		
560115							2.25		
604019							-2.97		
630625	2.53	3.95	2.81	2.51	2.52		2.51		
669498									
701484									
758192	3.11								-2.39
773154	2.87								
818192									
872017							2.85		
891322						3.81			
963536						2.25			2.93
970905		-4.06							
990375					-2.5				
1213932									6.31
1259841									3.15
1272483						2.51			
1306814									2.83
1308112	2.19			2.14			2.28		
1315663	-3.18	-4.02	-2.84					-3.27	
1316801							3.38		
1326255						-2.7			
1368834			2.47	2.43					
1379063	-2.38	-4	-2.44		-3.42		-3.63		
1381654		1.57			2.57		2.64		
1395143									3.09
1435374									3.67
1441245					-2.3				
1448718	-2.95		-3.93	-3.91	-3.1				2.62
1454436									
1457424							2.93		

TABLE 1

Clone ID	Clofibrate	Fenofibrate	Captopril	Enalapril	Dexamethasone	DES	MCA	LY294002	Ins/LY294002
1457718									2.92
1464613	-2.39				-3.3			-2.28	
1468660									3.44
1482116									-2.77
1495382									2.92
1500245									
1511658	-3.56								
1519431			2.36						
1519683	-2.12						2.74		
1522880									
1530595									
1559665	-4.058								3.52
1559756			1.56		2.47				
1560906							3.13		
1577614									-3.3
1616783					2.55		2.63		
1619292	-3.07	-5	-4.3		-4.4		-2.8		
1619980									-2.97
1623214					-2.25		-3.12		
1630990					2.86		3.34		
1696224	11.91		3.28	3.97	2.83		4.4		
1705208	4.2	2.83							
1711151	2.4		3.05	2.48					
1732221									-2.85
1756875							2.99		
1786554					2.66		2.67		
1822716									2.45
1833362					-3.7		-2.33		
1834236					-2.3				
1838114	-2.65								
1845046	-2.5								
1846209			1.81		2.2				
1846463	3.62	6.58							
1861456				-2.51					5.81
1867614									-2.72
1869130									

TABLE 1

Clone ID	Clofibrate	Fenofibrate	Captopril	Enalapril	Dexamethasone	DES	MCA	LY294002	Ins/LY294002
1871340									-2.43
1874037									3.63
1874307									-2.57
1890576					-2.5		-3.07		
1890791	2.7								
1920215	-2.59								
1922468	3.03								
1926883	2.94								
1930235	2.73		3.25	3		-2.13	2.93		
1956982									
1958226	-2.52								
1963081									-4.16
1966517	-2.8								
1969563	3.78	6.8							
1975268		-2.42		-2.75	-3.35		-2.51	-3.45	
1998269	2.7	2.31	2.99	2.27	2.44		2.46	-2.46	
2042056	2.5	5.46							-3.56
2046717					2.8				
2048551					2.91				5.55
2055569	-2.76	-3.12	-3.33	-3.1		2.97	-2.67		
2055867		-3.4	-2.61				2.97		
2120743					3.25				
2121863									
2123516	8.29	4.6	3.89	3.71	2.66		3.83		2.76
2132285									
2132774									
2160794									
2195427					-2.51				
2201708					2.3		2.32		2.61
2208780									-2.41
2232658									
2234853		-2.7							
2241825						-2.39			
2242817									
2252107									
2273944	2.48						2.44		3.4

TABLE 1

Clone ID	Clofibrate	Fenofibrate	Captopril	Enalapril	Dexamethasone	DES	MCA	LY294002	Ins/LY294002
2278688	-2.37						-2.88		
2293496									
2311213						-2.34			
2343348					2.18		2.89		
2352645	3.77								
2360580		-4.5	-2.71						
2365335	-2.67								
2382192	-2.54								
2382195		-2.87							-2.23
2383269									-2.83
2394990									
2399162		-2.5							
2446289		-2.35	-2.15						
2448149									
2453558									-2.4
2470485	-2.45				-2.8				
2495131									
2511277									
2513883		4.47					3.07		2.22
2513883				3.82	3.93		3.67		17.42
2514988									3.35
2516448									4.03
2517254									2.88
2520894							3.21		2.65
2517386									2.51
2545486									
2550767									
2579218									
2607921		-3.2							
2538878									
2636043									
2660756									2.31
2675232							2.42		4.58
2695371									
2708055									
2740665	-2.54								

TABLE 1

Clone ID	Clofibrate	Fenofibrate	Captopril	Enalapril	Dexamethasone	DES	MCA	LY294002	Ins/LY294002
2756333							2.66		
2757583	2.8	4.75	4.03	4.13	4.93		4.31		33.5
2765271							2.25		
2769888	-2.79	-3.17	-2.01					-3.37	
2813255									-2.72
2820337			2.29						
2822027					3		2.96		
2825358							2.44		
2830828							2.48		-3.15
2831490							-3.2		
2860918									
2879068							2.2		2.67
2884613	2.54		2.46	2.51					
2890336	-2.38						2.56		2.43
2891601							-4.29		3.8
2899419									3.4
2912637			-2.38						
2912830									
2921194									
2921991	-3.1		-5.21	-4.67	-2.95		-3.43		
2925373					-2.63				
2929484		-2.89							
2933775	4		5.14	4.73	4.32				6.47
2953987									3.13
2955163				2.33					
2956444						2.1	3.24		
2957205	2.94	2.44					3.04		2.35
2991027									2.9
2992044									3.07
2999855	2.4								
3026540									2.65
3028719					-2.6				
3038508	2.57								
3070625									-2.67
3074113							3.03		
3084204					-2.47				

TABLE 1

Clone ID	Clofibrate	Fenofibrate	Captopril	Enalapril	Dexamethasone	DES	MCA	LY294002	Ins/LY294002
3108506							3.02		
3109384					2.6				2.53
3120209									3.32
3121380									7.45
3121871									3.07
3123731									4.34
3128810									-2.86
3129338	-3.24								
3136857							2.67		
3158828									
3170010					-3.67				
3208425						2.4			2.54
3222802	2.71	2.55					3.23		
3225977			2.89				2.59		
3240708			2.02						
3272165		-2.57							
3284411					-2.4				4.11
3345528									
3380034	-3.15						2.3		
3381870			2.62				2.7		
3407653								4.2	
3427373							2.77		
3472927							2.62		
3493381									
3493710									
3494714	-2.53						3.24		2.46
3606046									
3679667			-2.09						
3715059					-3.17		3.23	-4.3	
3792988									
3815422									
4019706			-3.78			2.99	3.55		
4066764	-2.3								
4070979							2.44		
4087621	-3.55								
4091186					2.45		2.64		

TABLE 1

Clone ID	Clofibrate	Fenofibrate	Captopril	Enalapril	Dexamethasone	DES	MCA	LY294002	Ins/LY294002
4092112							3.55		
4107126			2.88						
4110976	2.18						7.13		
4203937							3.03		
4246966	8.12						2.3		
4254855							2.73		
4284384							-2.54		-2.14
4287327	-3.47	-3.14				2.66	2.4		
4403805							2.68		
4508879					2.86		2.53		
4549259								2.45	
4556538		2.53		3.02					
4715924						-2.21			
4721130	4.25						3.57		
4795635	-2.38								
5047895	-2.44								
5077219	-2.63								
5093071							2.36		
5102731							2.33		
5266015							2.47		
5266376							2.54		
5293028						-2.3			
5398014	-2.67								
5398701	-3.55								
5399371									
5512044					2.63	-2.63			
5541949	2.38						2.26		



TABLE 2

CLONE ID	NUCLEOTID E SEQ ID NO:	NUCLEOTID E TEMPLATE ID	PROTEIN SEQ ID NO:	PROTEIN TEMPLATE ID
26474	1	220060.4		
60123	2	016238.1		
63038	3	1266683.1		
72713	4	129384.1c		
85606	5	3201389CB1	6	3201389CD1
86390	7	086390CB1	8	086390CD1
118501	9	1102322.16		
118501	10	1545176CB1	11	1545176CD1
121785	12	978222.4		
121785	13	978222.5		
136073	14	1720920CB1	15	1720920CD1
160822	16	1857017CB1	17	1857017CD1
3493710	16	1857017CB1	17	1857017CD1
167081	18	2114865CB1	19	2114865CD1
172023	20	2700132CB1	21	2700132CD1
2470485	20	2700132CB1	21	2700132CD1
211389	22	238349.2		
211389	23	238349.4c		
237027	24	402917.3c		
259054	25	406330.1		
271299	26	2516070CB1	27	2516070CD1
2517386	26	2516070CB1	27	2516070CD1
279249	28	167507CB1	29	167507CD1
279898	30	3860413CB1	31	3860413CD1
3121871	30	3860413CB1	31	3860413CD1
280932	32	3393861CB1	33	3393861CD1
293477	34	2517374CB1	35	2517374CD1
311346	36	030850.7		
318486	37	237416.12c		
318486	38	237416.14		
341884	39	1269631CB1	40	1269631CD1
348143	41	961189CB1	42	961189CD1
388964	43	246946.1		
389362	44	017958.1		
407032	45	985556.1		
408886	46	476301CB1	47	476301CD1
419492	48	996427.2		
437481	49	2989375CB1	50	2989375CD1
442723	51	236359.2		
443991	52	011112.1c		
450856	53	198268.1		
452321	54	978740.3		
454839	55	400197.1		
459372	56	235687.5c		
460779	57	2797839CB1	58	2797839CD1
462069	59	978690.6		
480791	60	348072.5		
481402	61	085596CB1	62	085596CD1
510056	63	103917CB1	64	103917CD1
511448	65	3603037CB1	66	3603037CD1

TABLE 2

560115	67	088564CB1	68	088564CD1
604019	69	040429.1		
630625	70	407096.2		
669498	71	209265.54		
701484	72	701484CB1	73	701484CD1
758192	74	251859.2		
773154	75	3766715CB1	76	3766715CD1
818192	77	2049950CB1	78	2049950CD1
818192	79	231588.6c		
872017	80	152298.2		
891322	81	199507.1		
963536	82	1434821CB1	83	1434821CD1
970905	84	289671.27		
990375	85	1282225CB1	86	1282225CD1
1213932	87	263336.57		
1259841	88	464689.40		
1272483	89	155943.1		
1306814	90	243794.19c		
1306814	91	243794.23		
1308112	92	159309CB1	93	159309CD1
1315663	94	1273641CB1	95	1273641CD1
1316801	96	403717.1		
1326255	97	047593.1		
1368834	98	347055.4		
1379063	99	898899.11		
1379063	100	898899.32		
1381654	101	2047630CB1	102	2047630CD1
1395143	103	1039889.8		
1435374	104	1272969CB1	105	1272969CD1
1441245	106	282397.85c		
1441245	107	282397.94		
1448718	108	1448817CB1	109	1448817CD1
1454436	110	1100769.2		
1457424	111	332521.1		
1457718	112	225080.16		
1464613	113	334851.5		
1468660	114	995529.7		
1468660	115	995529.8		
1482116	116	201851.1		
1495382	117	059509CB1	118	059509CD1
1500245	119	481231.14		
1511658	120	280276CB1	121	280276CD1
1519431	122	4675668CB1	123	4675668CD1
1519683	124	153825.1		
1522880	125	403484.2c		
1522880	126	1459432CB1	127	1459432CD1
1530595	128	1096583.1		
1559665	129	516300CB1	130	516300CD1
1559756	131	627856CB1	132	627856CD1
1560906	133	1823159CB1	134	1823159CD1
1577614	135	232567.4		
1616783	136	218419.1		
1619292	137	1630551CB1	138	1630551CD1

TABLE 2

1619980	139	360961.19		
1623214	140	809809CB1	141	809809CD1
1630990	142	2558815CB1	143	2558815CD1
1696224	144	242010.16		
1696224	145	1678695CB1	146	1678695CD1
1705208	147	988653.1		
1711151	148	1250434CB1	149	1250434CD1
1732221	150	236196.3		
1756875	151	442308.1		
1786554	152	060957.1		
1822716	153	014284CB1	154	014284CD1
1833362	155	1095192.1		
1834236	156	233003.20		
1834236	157	1911808CB1	158	1911808CD1
1838114	159	978276.8		
1845046	160	405844.21		
1845046	161	405844.22		
1846209	162	2705515CB1	163	2705515CD1
1846463	164	2023119CB1	165	2023119CD1
1861456	166	1000084.27		
3679667	166	1000084.27		
1867614	167	220134.1		
1869130	168	216331.1		
1871340	169	206044.1		
1874037	170	382906.16		
1874307	171	331306.1		
1890576	172	1094829.20		
1890576	173	1094829.38		
1890791	174	1135580.4		
1920215	175	196623.3		
1922468	176	048488.32		
1926883	177	2767012CB1	178	2767012CD1
1930235	179	1651724CB1	180	1651724CD1
1956982	181	206397.1		
1958226	182	461707.40		
1963081	183	2706645CB1	184	2706645CD1
1966517	185	474372.7		
1969563	186	3592543CB1	187	3592543CD1
1975268	188	048612.12c		
1975268	189	048612.13		
1998269	190	245259.16		
2042056	191	522433CB1	192	522433CD1
2046717	193	1040667.43		
2048551	194	2048551CB1	195	2048551CD1
2055569	196	1969731CB1	197	1969731CD1
2055867	198	1326983.14		
2120743	199	2120743CB1	200	2120743CD1
2121863	201	3551330CB1	202	3551330CD1
2123516	203	1440032CB1	204	1440032CD1
2132285	205	1000133.1		
2132774	206	4020439CB1	207	4020439CD1
2160794	208	2507087CB1	209	2507087CD1
2195427	210	239996.1		

TABLE 2

2201708	211	1097380.1		
2208780	212	021524.2c		
2208780	213	021524.9		
2232658	214	253987.16		
2234853	215	344553.1		
2241825	216	410785.1		
2242817	217	237623.6		
2252107	218	076047.1		
2273944	219	1099500.15		
2273944	220	1099500.18		
2278688	221	2278688CB1	222	2278688CD1
2293496	223	380283.1		
2311213	224	1720847CB1	225	1720847CD1
2343348	226	333776.1c		
2352645	227	3478236CB1	228	3478236CD1
2360580	229	147541.17		
2365335	230	331120.16c		
2382192	231	575983CB1	232	575983CD1
2382195	233	413268.6		
2383269	234	1989186CB1	235	1989186CD1
2394990	236	337448.1c		
2399162	237	228304.19		
2446289	238	420527.25		
2448149	239	998034.3		
2453558	240	474165.26		
2495131	241	697785CB1	242	697785CD1
2511277	243	346209.3		
2513883	244	167772CB1	245	167772CD1
2514988	246	2514988CB1	247	2514988CD1
2516070	248	481231.16		
2516070	249	481231.17		
2516104	249	481231.17		
2516261	249	481231.17		
2516448	249	481231.17		
2517254	250	1045853.2		
5398014	250	1045853.2		
2520894	251	336615.1		
2527879	252	1328423.2		
2545486	253	085282.1		
2550767	254	1081605.3		
2579218	255	1053517.1		
2607921	256	480169.76		
2636043	257	2636043CB1	258	2636043CD1
2641522	259	2993696CB1	260	2993696CD1
2660756	261	240518.21		
2660756	262	240518.34		
2663164	263	001322.4c		
2675232	264	350502.3		
2675232	265	350502.4c		
2695371	266	253783.3		
2708055	267	085119.1		
2740665	268	902559.1		
2756333	269	4113161CB1	270	4113161CD1

TABLE 2

2757583	271	2757583CB1	272	2757583CD1
2765271	273	198317.1		
2769888	274	1508254CB1	275	1508254CD1
2813255	276	474691.3		
2820337	277	2457215CB1	278	2457215CD1
2822027	279	201395.4c		
2825358	280	233189.21		
2830828	281	196606.6c		
2830828	282	196606.8c		
2831490	283	1040190.3		
2860918	284	1427459CB1	285	1427459CD1
2879068	286	480453.16c		
2884613	287	1095604.1		
2890336	288	241291.28		
2891601	289	230611.1		
2899419	290	3993708CB1	291	3993708CD1
2899419	292	1000133.12		
2912637	293	400253.17c		
2912637	294	400253.5		
2912830	295	030882CB1	296	030882CD1
2921194	297	898779CB1	298	898779CD1
2921991	299	3727408CB1	300	3727408CD1
2925373	301	984236.1c		
2925373	302	984236.2c		
2929484	303	348082.5		
2929484	304	348082.7		
2933775	305	1097910.1		
2953987	306	246841.1		
2955163	307	351241.1		
2956444	308	2790762CB1	309	2790762CD1
2957205	310	2253717CB1	311	2253717CD1
2991027	312	2655184CB1	313	2655184CD1
2991027	314	363000.9c		
2992044	315	232818.15		
2999855	316	347781.10		
2999855	317	2477616CB1	318	2477616CD1
3026540	319	360532.1		
3026540	320	360532.9		
3028719	321	110245.1		
3038508	322	478620.53		
3038508	323	1813444CB1	324	1813444CD1
3070625	325	474588.21		
3074113	326	407838.1		
3084204	327	994387.19		
3108506	328	347796.7		
3109384	329	406498.4c		
3120209	330	3346307CB1	331	3346307CD1
3121380	332	4005778CB1	333	4005778CD1
3123731	334	995575.17		
3128810	335	863406CB1	336	863406CD1
3129338	337	413864.17		
3136857	338	350106.16		
3158828	339	399785.1		

TABLE 2

3170010	340	010498.19		
3208425	341	255824.39		
3208425	342	2706606CB1	343	2706606CD1
3222802	344	118006.1		
3225977	345	1039889.26		
3240708	346	481480.7		
3272165	347	662575CB1	348	662575CD1
3284411	349	027619.3		
3345528	350	235447.5		
3380034	351	331104.2		
3381870	352	348390.2		
3407653	353	127004.1		
3427373	354	026190.1		
3472927	355	250330.1		
3493381	356	480375.28		
3494714	357	364726.10		
3494714	358	364726.12		
3606046	359	1505038CB1	360	1505038CD1
3715059	361	903508.12		
3792988	362	346716.17c		
3792988	363	346716.21c		
3815422	364	330776.1		
4019706	365	407999.1c		
4066764	366	1719478CB1	367	1719478CD1
4070979	368	351157.2		
4087621	369	088957CB1	370	088957CD1
5398701	369	088957CB1	370	088957CD1
4091186	371	980446.1		
4092112	372	198827.1		
4107126	373	1102297.22		
4110976	374	215112.1		
4203937	375	171495.1		
4246966	376	242010.43		
4254855	377	5834958CB1	378	5834958CD1
4284384	379	335648.1c		
4287327	380	333840.1		
4403805	381	480885.2		
4508879	382	998106.8c		
4549259	383	400701.4		
4556538	384	1100320.4		
4715924	385	246727.11		
4715924	386	246727.17		
4721130	387	1102322.12c		
4721130	388	1102322.18		
4795635	389	2070610CB1	390	2070610CD1
5047895	391	336733.3		
5077219	392	1326902.13		
5077219	393	1326902.6		
5093071	394	013521.16		
5102731	395	985369.1		
5266015	396	002455.1		
5266376	397	372647.1		
5293028	398	208075.1		

TABLE 2

5399371	399	209279.1
5512044	400	381058.1
5541949	401	046977.1

TABLE 3

SEQ ID NO:	TEMPLATE II GI Number	E-value	Annotation
1	220060.4	g847737	0 Human transthyretin precursor mRNA, complete cds.
2	016238.1	g187326	0 Human macrophage mannose receptor (MRC1) gene, exon 24.
3	1266683.1	g1103903	0 Human spermidine/spermine N1-acetyltransferase (SSAT) gene, complete cds.
4	129384.1c	g508989	0 Human (oct-6) mRNA, complete cds.
5	3201389CBI	g927210	0 Human mRNA for adrenergic receptor alpha 1C isoform 3, complete cds.
6	3201389CDI	g927210	0 Human mRNA for adrenergic receptor alpha 1C isoform 3, complete cds.
7	086390CBI	g337749	0 Human serum amyloid A protein mRNA, complete cds.
8	086390CDI	g337749	0 Human serum amyloid A protein mRNA, complete cds.
9	1102322.16	g313283	0 African green monkey hsp70 mRNA.
10	1545176CBI	g313283	0 African green monkey hsp70 mRNA.
11	1545176CDI	g313283	0 African green monkey hsp70 mRNA.
12	978222.4	g6006501	0 Human mRNA for basic-helix-loop-helix protein, bHLH (Hey2 gene).
13	978222.5	g6006501	0 Human mRNA for basic-helix-loop-helix protein, bHLH (Hey2 gene).
14	1720920CBI	g1617313	0 Human mRNA for melanoma-associated chondroitin sulfate proteoglycan (MCSP).
15	1720920CDI	g1617313	0 Human mRNA for melanoma-associated chondroitin sulfate proteoglycan (MCSP).
16	1857017CBI	g184243	0 Human 3-hydroxy-3-methylglutaryl CoA reductase mRNA, complete cds.
17	1857017CDI	g184243	0 Human 3-hydroxy-3-methylglutaryl CoA reductase mRNA, complete cds.
18	2114865CBI	g177808	0 Human alpha-1-antichymotrypsin (AACT) mRNA, complete cds.
19	2114865CDI	g177808	0 Human alpha-1-antichymotrypsin (AACT) mRNA, complete cds.
20	2700132CBI	g415818	0 Human mki67a mRNA (long type) for antigen of monoclonal antibody Ki-67.
21	2700132CDI	g415818	0 Human mki67a mRNA (long type) for antigen of monoclonal antibody Ki-67.
22	238349.2	g4324682	E-104 late gestation lung protein 1 [Rattus norvegicus]
23	238349.4c	g764416	0.4 Mus platythrix TSPY gene, intron 1.
24	402917.3c		Incyte Unique
25	406330.1	g182103	0 Human enkephalin B (enkb) gene, exon 4 and 3' flank and complete cds.
26	2516070CBI	g28771	0 Human mRNA for apolipoprotein AI (apo AI)=.
27	2516070CDI	g28771	0 Human mRNA for apolipoprotein AI (apo AI)=.
28	167507CBI	g177889	0 Human alpha-2-thiol protease inhibitor mRNA, complete coding sequence.
29	167507CDI	g177889	0 Human alpha-2-thiol protease inhibitor mRNA, complete coding sequence.
30	3860413CBI	g187530	0 Human metallothionein-II pseudogene (mt-IIps).
31	3860413CDI	g187530	0 Human metallothionein-II pseudogene (mt-IIps).
32	3393861CBI	g182429	0 Human fibrinogen beta-chain mRNA, partial cds.
33	3393861CDI	g182429	0 Human fibrinogen beta-chain mRNA, partial cds.
34	2517374CBI	g24444	0 Human mRNA for alpha 1-acid glycoprotein (orosomucoid).
35	2517374CDI	g24444	0 Human mRNA for alpha 1-acid glycoprotein (orosomucoid).
36	030850.7		Incyte Unique
37	237416.12c	g396704	5.00E-92 Human integrin associated protein mRNA, complete cds.,



TABLE 3

38	237416.14	g396704	0 Human integrin associated protein mRNA, complete cds.
39	1269631CB1	g5030423	0 Human gp250 precursor, mRNA, complete cds.
40	1269631CD1	g5030423	0 Human gp250 precursor, mRNA, complete cds.
41	961189CB1	g286008	0 Human mRNA for KIAA0020 gene, complete cds.
42	961189CD1	g286008	0 Human mRNA for KIAA0020 gene, complete cds.
43	246946.1	g4107230	3,00E-34 Human mRNA for lipophilin B.
44	017958.1		Incyte Unique
45	985556.1		Incyte Unique
46	476301CB1	g1232174	0 Human mRNA for transketolase-like protein (2418 bp).
47	476301CD1	g1232174	0 Human mRNA for transketolase-like protein (2418 bp).
48	996427.2	g179892	0 Human cAMP phosphodiesterase PDE7 (PDE7A1) mRNA, complete cds.
49	2989375CB1		Incyte Unique
50	2989375CD1		Incyte Unique
51	236359.2		Incyte Unique
52	011112.1c	g3183903	0 Human partial mRNA; ID YG40-1B.
53	198268.1	g4337095	0 Human MSH55 gene, partial cds; and CLIC1, DDAH, G6b, G6c, G5b, G6d, G6e, G6f, BAT5, G5b, CSK.
54	978740.3		Incyte Unique
55	400197.1	g1457944	5,00E-10 Human desmoglein 3 gene, promoter region.
56	235687.5c		Incyte Unique
57	2797839CB1	g189421	0 Human proliferating-cell nucleolar protein P120 mRNA, complete cds.
58	2797839CD1	g189421	0 Human proliferating-cell nucleolar protein P120 mRNA, complete cds.
59	978690.6	g3287264	e-145 Rattus norvegicus mRNA for STOP protein.
60	348072.5	g288562	0 Human mRNA for inter-alpha-trypsin inhibitor heavy chain H3.
61	085596CB1	g184391	0 Human histidine-rich glycoprotein mRNA, complete cds.
62	085596CD1	g184391	0 Human histidine-rich glycoprotein mRNA, complete cds.
63	103917CB1	g183030	0 Human grancalcin mRNA, complete cds.
64	103917CD1	g183030	0 Human grancalcin mRNA, complete cds.
65	3603037CB1	g181986	0 Human early growth response 2 protein (EGR2) mRNA, complete cds.
66	3603037CD1	g181986	0 Human early growth response 2 protein (EGR2) mRNA, complete cds.
67	088564CB1	g1778716	0 Human chemokine exodus-1 mRNA, complete cds.
68	088564CD1	g1778716	0 Human chemokine exodus-1 mRNA, complete cds.
69	040429.1		Incyte Unique
70	407096.2	g1237037	0 Human mRNA for thioredoxin reductase.
71	209265.54	g2160718	0 Human amphiphysin II mRNA, complete cds.
72	701484CB1	g5926690	0 Human genomic DNA, chromosome 6p21.3, HLA Class I region, section 2/20.
73	701484CD1	g5926690	0 Human genomic DNA, chromosome 6p21.3, HLA Class I region, section 2/20.
74	251859.2	g1145815	0 Human 54 kDa progesterone receptor-associated immunophilin FKBP54 mRNA, partial cds.
75	3766715CB1	g4914599	0 Human mRNA; cDNA DKFZp564A126 (from clone DKFZp564A126); partial cds.

TABLE 3

76	3766715CD1	g4914599	0 Human mRNA; cDNA DKFZp564A126 (from clone DKFZp564A126); partial cds.
77	2049950CB1	g183038	0 Human gamma-glutamylcysteine synthetase (GCS) mRNA, complete cds.
78	2049950CD1	g183038	0 Human gamma-glutamylcysteine synthetase (GCS) mRNA, complete cds.
79	231588.6c	g183038	0 Human gamma-glutamylcysteine synthetase (GCS) mRNA, complete cds.
80	152298.2		Incyte Unique
81	199507.1		Incyte Unique
82	1434821CB1	g35706	0 Human pS2 mRNA induced by estrogen from Human breast cancer cell line MCF-7.
83	1434821CD1	g35706	0 Human pS2 mRNA induced by estrogen from Human breast cancer cell line MCF-7.
84	289671.27	g31896	0 Human GPx-3 mRNA for plasma glutathione peroxidase.
85	1282225CB1	g182355	0 Human liver fatty acid binding protein (FABP) mRNA, complete cds.
86	1282225CD1	g182355	0 Human liver fatty acid binding protein (FABP) mRNA, complete cds.
87	263336.57	g187538	0 Human metallothionein-Ie gene (hMT-Ie).
88	464689.40	g30257	0 Human CST3 gene for cystatin C.
89	155943.1	g6453599	0 Human mRNA; cDNA DKFZp434K098 (from clone DKFZp434K098); partial cds.
90	243794.19c	g550026	0 Human ribosomal protein S29 mRNA, complete cds.
91	243794.23	g550026	0 Human ribosomal protein S29 mRNA, complete cds.
92	159309CB1	g510689	0 Human Ki nuclear autoantigen mRNA, complete cds.
93	159309CD1	g510689	0 Human Ki nuclear autoantigen mRNA, complete cds.
94	1273641CB1		Incyte Unique
95	1273641CD1		Incyte Unique
96	403717.1		Incyte Unique
97	047593.1		Incyte Unique
98	347055.4	g410027	0 Human 3-hydroxy-3-methylglutaryl CoA synthase mRNA, complete cds.
99	898899.11	g183976	0 Human hepatocyte growth factor-like protein mRNA, complete cds.
100	898899.32	g1311660	0 Human hepatocyte growth factor-like protein gene, complete cds.
101	2047630CB1	g179099	0 Human asparagine synthetase mRNA, complete cds.
102	2047630CD1	g179099	0 Human asparagine synthetase mRNA, complete cds.
103	1039889.8	g178042	0 Human cytoskeletal gamma-actin gene, complete cds.
104	1272969CB1	g286028	0 Human mRNA for XPAC protein.
105	1272969CD1	g286028	0 Human mRNA for XPAC protein.
106	282397.85c	g3660662	0 Human D15F37 pseudogene, S3 allele, mRNA sequence.
107	282397.94	g6683696	0 Human mRNA for KIAA0393 protein, partial cds.
108	1448817CB1	g183117	0 Human insulin-like growth factor binding protein mRNA, complete cds.
109	1448817CD1	g183117	0 Human insulin-like growth factor binding protein mRNA, complete cds.
110	1100769.2	g296451	0 Human mRNA for ribosomal protein S26.
111	332521.1		Incyte Unique
112	225080.16	g951313	0 Human 2,3-oxidosqualene-lanosterol cyclase mRNA, complete cds.
113	334851.5	g5912050	0 Human mRNA; cDNA DKFZp434P1550 (from clone DKFZp434P1550); partial cds.

TABLE 3

114	995529.7	g3126638	0 Human mRNA for CDC2 delta T, complete cds.
115	995529.8	g29838	0 Human CDC2 gene involved in cell cycle control.
116	201851.1	g2104768	0 Human echinoderm microtubule-associated protein homolog HuEMAP mRNA, complete cds.
117	059509CB1	g1149557	0 Human TNF-related apoptosis inducing ligand TRAIL mRNA, complete cds.
118	059509CD1	g1149557	0 Human TNF-related apoptosis inducing ligand TRAIL mRNA, complete cds.
119	481231.14	g28771	0 Human mRNA for apolipoprotein AI (apo AI)=.
120	280276CB1	g182406	0 Human fibrinogen alpha subunit and fibrinogen alpha subunit precursor, genes, complete cds.
121	280276CD1	g182406	0 Human fibrinogen alpha subunit and fibrinogen alpha subunit precursor, genes, complete cds.
122	4675668CB1	g1160618	0 Human bystin mRNA, complete cds.
123	4675668CD1	g1160618	0 Human bystin mRNA, complete cds.
124	153825.1	g456256	0 Human stromelysin-3 mRNA.
125	403484.2c	g1737178	0 Human somatostatin receptor-like protein (GPR24) gene, complete cds.
126	1459432CB1	g1737178	0 Human somatostatin receptor-like protein (GPR24) gene, complete cds.
127	1459432CD1	g1737178	0 Human somatostatin receptor-like protein (GPR24) gene, complete cds.
128	1096583.1	g30340	9,000E-96 Human gene for cytochrome P(1)-450.
129	516300CB1	g1098616	0 Human CD94 protein mRNA, complete cds.
130	516300CD1	g1098616	0 Human CD94 protein mRNA, complete cds.
131	627856CB1	g2665518	0 Human tyrosyl-tRNA synthetase mRNA, complete cds.
132	627856CD1	g2665518	0 Human tyrosyl-tRNA synthetase mRNA, complete cds.
133	1823159CB1	g1378039	0 Human myotubularin (MTM1) mRNA, complete cds.
134	1823159CD1	g1378039	0 Human myotubularin (MTM1) mRNA, complete cds.
135	232567.4	g182718	0 Human follistatin gene, exons 1-5.
136	218419.1		Incyte Unique
137	1630551CB1	g30302	0 Human mRNA for cytochrome c1.
138	1630551CD1	g30302	0 Human mRNA for cytochrome c1.
139	360961.19	g896282	0 Human methionine adenosyltransferase alpha subunit gene fragment.
140	809809CB1	g3252871	0 Human BRCA1-associated protein 2 (BRAP2) mRNA, complete cds.
141	809809CD1	g3252871	0 Human BRCA1-associated protein 2 (BRAP2) mRNA, complete cds.
142	2558815CB1	g1049218	0 Human gamma-aminobutyraldehyde dehydrogenase mRNA, complete cds.
143	2558815CD1	g1049218	0 Human gamma-aminobutyraldehyde dehydrogenase mRNA, complete cds.
144	242010.16	g188487	0 Human MHC class III HSP70-1 gene (HLA), complete cds.
145	1678695CB1	g5926690	0 Human genomic DNA, chromosome 6p21.3, HLA Class I region, section 2/20.
146	1678695CD1	g5926690	0 Human genomic DNA, chromosome 6p21.3, HLA Class I region, section 2/20.
147	988653.1	g311129	0 Human mRNA for early growth response protein 1 (hEGR1).
148	1250434CB1	g1144012	0 Human MOP1 mRNA, complete cds.
149	1250434CD1	g1144012	0 Human MOP1 mRNA, complete cds.
150	236196.3	g4003383	0 Human genomic DNA of 8p21.3-p22 anti-oncogene of hepatocellular colorectal and non-small cell lung c
151	442308.1	g3955193	0 Human homeodomain protein (Nkx2.2) gene, exon 2 and complete cds.

TABLE 3

152	060957.1	Incye Unique	
153	014284CB1	0 Human mRNA for cathepsin C.	
154	014284CD1	0 Human mRNA for cathepsin C.	
155	1095192.1	2.00E-75 Rat brain mRNA for sodium channel protein I.	
156	233003.20	Incye Unique	
157	1911808CB1	Incye Unique	
158	1911808CD1	Incye Unique	
159	978276.8	Incye Unique	
160	405844.21	0 Human B61 mRNA, complete cds.	
161	405844.22	0 Human B61 mRNA, complete cds.	
162	2705515CB1	0 Human mRNA for IFN-inducible gamma2 protein.	
163	2705515CD1	0 Human mRNA for IFN-inducible gamma2 protein.	
164	2023119CB1	0 Human leukemia virus receptor 1 (GLVR1) mRNA, complete cds.	
165	2023119CD1	0 Human leukemia virus receptor 1 (GLVR1) mRNA, complete cds.	
166	1000084.27	0 Human vascular endothelial growth factor mRNA, complete cds.	
167	220134.1	0 Human hbc647 mRNA sequence.	
168	216331.1	Incye Unique	
169	206044.1	3.50E-17 serine protease inhibitor	
170	382906.16	0 Human CD53 glycoprotein mRNA, complete cds.	
171	331306.1	0 Human mRNA for HM145.	
172	1094829.20	0 Human cAMP response element regulatory protein (CREB2) mRNA, complete cds.	
173	1094829.38	0 Human mRNA for DNA binding protein TAXREB67.	
174	1135580.4	0 Human KIAA0417 mRNA, complete cds.	
175	196623.3	0 Human peroxisomal D3,D2-enoyl-CoA isomerase (PECI) mRNA, complete cds.	
176	048488.32	0 Human mRNA for KIAA0201 gene, complete cds.	
177	2767012CB1	0 Human heat shock protein, E. coli DnaJ homologue mRNA, complete cds.	
178	2767012CD1	0 Human heat shock protein, E. coli DnaJ homologue mRNA, complete cds.	
179	1651724CB1	0 Human odc1 mRNA for ornithine decarboxylase.	
180	1651724CD1	0 Human odc1 mRNA for ornithine decarboxylase.	
181	206397.1	2.00E-34 Human CC chemokine gene cluster, complete sequence.	
182	461707.40	0 Human HSPC336 mRNA, partial cds.	
183	2706645CB1	0 Human S100 protein beta-subunit gene, exon 3.	
184	2706645CD1	0 Human S100 protein beta-subunit gene, exon 3.	
185	474372.7	0 Human protein kinase-related oncogene (PIM1) mRNA, complete cds.	
186	3592543CB1	0 Human c-jun proto oncogene (JUN), complete cds, clone hCJ-1.	
187	3592543CD1	0 Human c-jun proto oncogene (JUN), complete cds, clone hCJ-1.	
188	048612.12c	0 Human phosphoenolpyruvate carboxykinase (PCK1) gene, complete cds with repeats.	
189	048612.13	0 Human (clone lamda-hPEC-3) phosphoenolpyruvate carboxykinase (PCK1) mRNA, complete cds.	

TABLE 3

190	245259.16	g36031	0 Human rhoB gene mRNA.
191	522433CB1	g1813326	0 Human mRNA for TGF-beta superfamily protein, complete cds.
192	522433CD1	g1813326	0 Human mRNA for TGF-beta superfamily protein, complete cds.
193	1040667.43	g28338	5.00E-94 Human mRNA for cytoskeletal gamma-actin.
194	2048551CB1	g188709	0 Human metallothionein I-B gene, exon 3.
195	2048551CD1	g188709	0 Human metallothionein I-B gene, exon 3.
196	1969731CB1	g2344811	0 Human mRNA for Drg1 protein.
197	1969731CD1	g2344811	0 Human mRNA for Drg1 protein.
198	1326983.14		Incyte Unique
199	2120743CB1		Incyte Unique
200	2120743CD1		Incyte Unique
201	3551330CB1	g719268	0 Human cysteine-rich heart protein (hCRHP) mRNA, complete cds.
202	3551330CD1	g719268	0 Human cysteine-rich heart protein (hCRHP) mRNA, complete cds.
203	1440032CB1	g35221	0 Human heat-shock protein HSP70B' gene.
204	1440032CD1	g35221	0 Human heat-shock protein HSP70B' gene.
205	1000133.1	g339660	0 Human thymosin beta 10 mRNA, complete cds.
206	4020439CB1	g296451	0 Human mRNA for ribosomal protein S26.
207	4020439CD1	g296451	0 Human mRNA for ribosomal protein S26.
208	2507087CB1	g6807670	0 Human mRNA; cDNA DKFZp434F205 (from clone DKFZp434F205); complete cds.
209	2507087CD1	g6807670	0 Human mRNA; cDNA DKFZp434F205 (from clone DKFZp434F205); complete cds.
210	239996.1		Incyte Unique
211	1097380.1	g6594626	0 Human pRGR1 mRNA, partial cds.
212	021524.2c	g598639	7.00E-77 Human HepG2 3' region Mbol cDNA, clone hmd2d06m3.
213	021524.9	g598640	2.00E-09 Human HepG2 partial cDNA, clone hmd2d06m5.
214	253987.16	g313212	0 Human Id3 gene for HLH type transcription factor.
215	344553.1	g469095	0 Human RNA for MTP.
216	410785.1	g187133	0 Human liver glucose transporter-like protein (GLUT2), complete cds.
217	237623.6	g402482	0 Human secretory protein (P1.B) mRNA, complete cds.
218	076047.1	g1688257	0 Human collagenase and stromelysin genes, complete cds, and metalloelastase gene, partial cds.
219	1099500.15	g3287488	0 Human Hsp89-alpha-delta-N mRNA, complete cds.
220	1099500.18	g32487	0 Human mRNA for 90-kDa heat-shock protein.
221	2278688CB1	g4210725	0 Human mRNA for puromycin sensitive aminopeptidase, partial.
222	2278688CD1	g4210725	0 Human mRNA for puromycin sensitive aminopeptidase, partial.
223	380283.1	g2564321	0 Human mRNA for KIAA0287 gene, partial cds.
224	1720847CB1	g4218425	6.00E-11 Human pex3 gene (joined cds, promoter and exon 1).
225	1720847CD1	g4218425	6.00E-11 Human pex3 gene (joined cds, promoter and exon 1).
226	333776.1c		Incyte Unique
227	3478236CB1	g179039	0 Human amphiregulin (AR) mRNA, complete cds, clones lambda-AR1 and lambda-AR2.

TABLE 3

228	3478236CD1	g179039	0 Human amphiregulin (AR) mRNA, complete cds, clones lambda-AR1 and lambda-AR2.
229	147541.17	g6899845	0 Human mRNA for cisplatin resistance-associated overexpressed protein, complete cds.
230	331120.16c	g663009	0 Human PHKLA mRNA.
231	575983CB1	g2546963	0 Human mRNA for diubiquitin.
232	575983CD1	g2546963	0 Human mRNA for diubiquitin.
233	413268.6	g541677	0 Human HBZ17 mRNA.
234	1989186CB1	g2708328	0 Human atrophin-1 interacting protein 4 (AIP4) mRNA, partial cds.
235	1989186CD1	g2708328	0 Human atrophin-1 interacting protein 4 (AIP4) mRNA, partial cds.
236	337448.1c	g5912019	0 Human mRNA; cDNA DKFZp434H0735 (from clone DKFZp434H0735); partial cds.
237	228304.19		Incye Unique
238	420527.25	g186757	0 Human protein kinase mRNA.
239	998034.3	g927597	0 Human transcription factor TFIIB 90 kDa subunit (hTFIIB90) mRNA, complete cds.
240	474165.26	g3005586	0 Human Ser/Arg-related nuclear matrix protein (SRM160) mRNA, complete cds.
241	697785CB1	g187109	0 Human 14 kd lectin mRNA, complete cds.
242	697785CD1	g187109	0 Human 14 kd lectin mRNA, complete cds.
243	346209.3	g4240220	3.00E-14 Human mRNA for KIAA0866 protein, complete cds.
244	167772CB1	g3954884	0 Human mRNA for Ig kappa light chain, anti-RhD, therad 7.
245	167772CD1	g3954884	0 Human mRNA for Ig kappa light chain, anti-RhD, therad 7.
246	2514988CB1	g178848	0 Human apolipoprotein E mRNA, complete cds.
247	2514988CD1	g178848	0 Human apolipoprotein E mRNA, complete cds.
248	481231.16	g28771	0 Human mRNA for apolipoprotein AI (apo AI)=.
249	481231.17	g28771	0 Human mRNA for apolipoprotein AI (apo AI)=.
250	1045853.2	g763428	0 Human mRNA clone with similarity to L-glycerol-3-phosphate:NAD oxidoreductase and albumin gene se
251	336615.1	g2072161	0 Human tubby related protein 1 (TULP1) mRNA, complete cds.
252	1328423.2	g682747	0 Human mRNA for Apo I_Human (MER5(Aop1-Mouse)-like protein), complete cds.
253	085282.1		Incye Unique
254	1081605.3	g6466185	0 Human zinc finger protein ZNF228 (ZNF228) mRNA, complete cds.
255	1053517.1	g7339817	0.15 Mus musculus DNA methyltransferase (Dnmt1) gene, exon 28.
256	480169.76	g2921872	0 Human spleen mitotic checkpoint BUB3 (BUB3) mRNA, complete cds.
257	2636043CB1		Incye Unique
258	2636043CD1		Incye Unique
259	2993696CB1	g1143491	0 Human mRNA for BiP protein.
260	2993696CD1	g1143491	0 Human mRNA for BiP protein.
261	240518.21	g6841489	1.00E-80 Human HSPC134 mRNA, complete cds.
262	240518.34	g6841489	0 Human HSPC134 mRNA, complete cds.
263	001322.4c		Incye Unique
264	350502.3	g3978170	4.00E-36 Mus musculus lysyl oxidase-related protein 2 (Lor2) mRNA.
265	350502.4c	g2661055	6.00E-25 Human clone 23863 mRNA, partial cds.

TABLE 3

266	253783.3	g2664429	6.40E-43	hypothetical protein
267	085119.1	g1000863	0	Human DNA-binding protein (Fli-1) gene, 5' end of cds.
268	902559.1	g183990	0	Human epidermal growth factor receptor (HER3) mRNA, complete cds.
269	4113161CB1	g3360429	0	Human clone 23929 mRNA sequence.
270	4113161CD1	g3360429	0	Human clone 23929 mRNA sequence.
271	2757583CB1	g187542	0	Human metallothionein (MT)I-F gene, complete cds.
272	2757583CD1	g187542	0	Human metallothionein (MT)I-F gene, complete cds.
273	198317.1	g183398	3.00E-36	Human guanine nucleotide-binding protein alpha-subunit gene (G-s-alpha), exon 2.
274	1508254CB1	g587201	0	Human HK2 mRNA for hexokinase II.
275	1508254CD1	g587201	0	Human HK2 mRNA for hexokinase II.
276	474691.3			Incyte Unique
277	2457215CB1	g38457	0	Human mRNA for PTB-associated splicing factor.
278	2457215CD1	g38457	0	Human mRNA for PTB-associated splicing factor.
279	201395.4c	g2224626	0	Human mRNA for KIAA0343 gene, complete cds.
280	233189.21	g189869	0	Human phosphoglycerate mutase 2 (muscle specific isozyme) (PGAM2) gene, 5' end.
281	196606.6c	g2924334	0	Human mRNA for exportin (IRNA).
282	196606.8c	g2924334	0	Human mRNA for exportin (IRNA).
283	1040190.3	g187518	0	Human MEM-102 glycoprotein mRNA, complete cds.
284	1427459CB1	g2437832	0	Human mRNA for RNF3A (DONG1) ring finger protein.
285	1427459CD1	g2437832	0	Human mRNA for RNF3A (DONG1) ring finger protein.
286	480453.16c	g4512253	0	Human gene for JKTBP2, JKTBP1, complete cds.
287	1095604.1	g1143491	0	Human mRNA for BiP protein.
288	241291.28	g3327107	0	Human mRNA for KIAA0647 protein, partial cds.
289	230611.1	g1321847	4.00E-28	Human mRNA for U61 small nuclear RNA.
290	3993708CB1	g339660	0	Human thymosin beta 10 mRNA, complete cds.
291	3993708CD1	g339660	0	Human thymosin beta 10 mRNA, complete cds.
292	1000133.12	g264772	0	thymosin beta-10 [Human, metastatic melanoma cell line, mRNA, 453 nt].
293	400253.17c	g6016843	5.00E-23	Human genomic DNA, chromosome 22q11.2, clone KB1561E1.
294	400253.5	g2826476	1.00E-13	IL-17 receptor [Homo sapiens]
295	030882CB1	g1617087	0	Human mRNA for hBD-1 protein.
296	030882CD1	g1617087	0	Human mRNA for hBD-1 protein.
297	898779CB1	g179530	0	Human IgE-binding protein (epsilon-BP) mRNA, complete cds.
298	898779CD1	g179530	0	Human IgE-binding protein (epsilon-BP) mRNA, complete cds.
299	3727408CB1	g189944	0	Human (clone lambda-hPEC-3) phosphoenolpyruvate carboxykinase (PCK1) mRNA, complete cds.
300	3727408CD1	g189944	0	Human (clone lambda-hPEC-3) phosphoenolpyruvate carboxykinase (PCK1) mRNA, complete cds.
301	984236.1c			Incyte Unique
302	984236.2c			Incyte Unique
303	348082.5	g3868777		Rattus norvegicus mRNA for atypical PKC specific binding

TABLE 3

304	348082.7	g3868778	0 atypical PKC specific binding protein [Rattus norvegicus]
305	1097910.1	g181275	0 Human cytochrome P1-450 (TCDD-inducible) mRNA, complete cds.
306	246841.1	g6453594	0 Human mRNA; cDNA DKFZp566M0947 (from clone DKFZp566M0947).
307	351241.1	g2935483	4.00E-56 Human minisatellite ceb1 repeat region.
308	2790762CBI		Incyte Unique
309	2790762CDI		Incyte Unique
310	2253717CBI	g7542489	Homo sapiens FK506 binding protein precursor (FKBP22)
311	2253717CDI		Incyte Unique
312	2655184CBI	g5531903	0 Human pre-mRNA splicing factor (SFRS3) mRNA, complete cds.
313	2655184CDI	g5531903	0 Human pre-mRNA splicing factor (SFRS3) mRNA, complete cds.
314	363000.9c	g5531903	0 Human pre-mRNA splicing factor (SFRS3) mRNA, complete cds.
315	232818.15	g3329377	0 Human vacuolar H(+)-ATPase subunit mRNA, complete cds.
316	347781.10	g1051169	0 Human GAP SH3 binding protein mRNA, complete cds.
317	2477616CBI	g1051169	0 Human GAP SH3 binding protein mRNA, complete cds.
318	2477616CDI	g1051169	0 Human GAP SH3 binding protein mRNA, complete cds.
319	360532.1	g37207	0 Human mRNA for slow skeletal troponin C (TnC).
320	360532.9	g37207	0 Human mRNA for slow skeletal troponin C (TnC).
321	110245.1	g3213194	0 Human serine-threonine kinase (BTAK) gene, partial cds.
322	478620.53	g386156	0 TLS=translocated in liposarcoma [Human, mRNA, 1824 nt].
323	1813444CBI	g386158	0 TLS/CHOP=hybrid gene (translocation breakpoint) [Human, myxoid liposarcomas cells, mRNA Mutant,
324	1813444CDI	g386158	0 TLS/CHOP=hybrid gene (translocation breakpoint) [Human, myxoid liposarcomas cells, mRNA Mutant,
325	474588.21	g339700	0 Human polyadenylate binding protein (TIA-1) mRNA, complete cds.
326	407838.1		Incyte Unique
327	994387.19	g6808610	2.00E-14 Human 88-kDa Golgi protein (GM88) mRNA, complete cds.
328	347796.7	g710405	2.8 35 kDa protein [Bartonella henselae]
329	406498.4c		Incyte Unique
330	3346307CBI		Incyte Unique
331	3346307CDI		Incyte Unique
332	4005778CBI	g182513	0 Human ferritin L chain mRNA, complete cds.
333	4005778CDI	g182513	0 Human ferritin L chain mRNA, complete cds.
334	995575.17	g189066	0 Human NAP (nucleosome assembly protein) mRNA, complete cds.
335	863406CBI	g3327203	0 Human mRNA for KIAA0695 protein, complete cds.
336	863406CDI	g3327203	0 Human mRNA for KIAA0695 protein, complete cds.
337	413864.17		Incyte Unique
338	350106.16	g183059	0 Human glutamate dehydrogenase (GDH) mRNA, complete cds.
339	399785.1		Incyte Unique
340	010498.19	g4240316	0 Human mRNA for KIAA0914 protein, complete cds.
341	255824.39	g28596	0 Human fibroblast mRNA for aldolase A.



TABLE 3

342	2706606CBI	g178350	0 Human aldolase A mRNA, complete cds.
343	2706606CDI	g178350	0 Human aldolase A mRNA, complete cds.
344	118006.1	g2290764	5.00E-86 Human gonadotropin releasing hormone receptor (GNRHR) gene, exon 1.
345	1039889.26	g28338	0 Human mRNA for cytoskeletal gamma-actin.
346	481480.7	g561665	0 Human cysteine protease CPP32 isoform alpha mRNA, complete cds.
347	662575CBI		Incye Unique
348	662575CDI		Incye Unique
349	027619.3		Incye Unique
350	235447.5	g37432	0 Human mRNA for transferrin receptor.
351	331104.2	g451209	0 Human mRNA for histidase, complete cds.
352	348390.2	g36502	0 Human mRNA for enteric smooth muscle gamma-actin.
353	127004.1		Incye Unique
354	026190.1		Incye Unique
355	250330.1	g456587	4.00E-80 Human granulocyte-macrophage colony stimulating factor (GM-CSF) receptor alpha subunit gene, exon 1
356	480375.28	g5360203	5.00E-27 Human A-kinase anchor protein (AKAP100) mRNA, complete cds.
357	364726.10	g498012	0 Human X104 mRNA, complete cds.
358	364726.12	g498012	0 Human X104 mRNA, complete cds.
359	1505038CBI	g536897	0 Human follistatin-related protein precursor mRNA, complete cds.
360	1505038CDI	g536897	0 Human follistatin-related protein precursor mRNA, complete cds.
361	903508.12	g5262490	0 Human mRNA; cDNA DKFZp564D0462 (from clone DKFZp564D0462).
362	346716.17c	g1147782	0 Human myosin-Ixb mRNA, complete cds.
363	346716.21c		Incye Unique
364	330776.1		Incye Unique
365	407999.1c		Incye Unique
366	1719478CBI	g758109	0 Human mRNA for voltage-activated sodium channel.
367	1719478CDI	g758109	0 Human mRNA for voltage-activated sodium channel.
368	351157.2	g31139	6.00E-64 Human EMX1 mRNA.
369	088957CBI	g763428	0 Human mRNA clone with similarity to L-glycerol-3-phosphate:NAD oxidoreductase and albumin gene se
370	088957CDI	g763428	0 Human mRNA clone with similarity to L-glycerol-3-phosphate:NAD oxidoreductase and albumin gene se
371	980446.1	g2769702	0.088 chondroitin-6-sulfotransferase [Homo sapiens]
372	198827.1	g1017792	0 Human substance P beta-PPT-A mRNA, complete cds.
373	1102297.22	g28335	0 Human ACTB mRNA for mutant beta-actin (beta'-actin).
374	215112.1	g4240476	0 Human short chain L-3-hydroxyacyl-CoA dehydrogenase precursor (HADHSC) gene, nuclear gene encod
375	171495.1	g5102577	0 Human mRNA full length insert cDNA clone EUROIMAGE 345330.
376	242010.43	g5926690	0 Human genomic DNA, chromosome 6p21.3, HLA Class I region, section 2/20.
377	5834958CBI	g881474	0 Human pepbGTT-1 betaine-GABA transporter mRNA, complete cds.
378	5834958CDI	g881474	0 Human pepbGTT-1 betaine-GABA transporter mRNA, complete cds.
379	335648.1c	g36712	0 Human mRNA for tyrosine aminotransferase (TAT) (EC 2.6.1.5).

TABLE 3

380	333840.1	g452443	0 Human glucose-6-phosphatase mRNA, complete cds.
381	480885.2	g2394309	0 Human homeobox protein MEIS2 (MEIS2) mRNA, partial cds.
382	998106.8c	g174918	5.00E-13 Human Ala-tRNA.
383	400701.4		Incye Unique
384	1100320.4	g1209060	0 Human cytoplasmic dynein light chain 1 (hdcl1) mRNA, complete cds.
385	246727.11	g337456	0 Human ribonucleoprotein (La) mRNA, 3' end.
386	246727.17	g178686	0 Human La protein mRNA, complete cds.
387	1102322.12c	g32466	0 Human hsc70 gene for 71 kd heat shock cognate protein.
388	1102322.18	g313283	0 African green monkey hsp70 mRNA.
389	2070610CB1	g338696	0 Human thyroxine-binding globulin mRNA, complete cds.
390	2070610CD1	g338696	0 Human thyroxine-binding globulin mRNA, complete cds.
391	336733.3	g6049603	0 Human dickopf-1 (DKK-1) mRNA, complete cds.
392	1326902.13	g219909	0 Human mRNA for lipocortin II, complete cds.
393	1326902.6	g219909	0 Human mRNA for lipocortin II, complete cds.
394	013521.16	g37611	0 Human urf-ret mRNA.
395	985369.1	g310099	2.00E-36 Rattus norvegicus developmentally regulated protein mRNA,
396	002455.1		Incye Unique
397	372647.1		Incye Unique
398	208075.1	g23915	3.00E-49 Human 7SK RNA gene and flanking regions.
399	209279.1	g2342725	3.6 hypothetical protein [Arabidopsis thaliana]
400	381058.1	g1021027	0 Human CpG island DNA genomic MseI fragment, clone 181h1, reverse read cpg181h1.r1c.
401	046977.1	g4028582	1.00E-12 Human connective tissue growth factor related protein WISP-2 (WISP2) mRNA, complete cds.

TABLE 4

SEQ ID	NO:	TEMPLATE	II START	STOP	FRAME	Pfam ID	Pfam Description	E-value
1	220060.4		1	441	forward 1	Transthyretin	Transthyretin precursor (formerly prealbumin)	8.20E-103
6	3201389CDI		43	326		7tm_1	7 transmembrane receptor (rhodopsin family)	4.20E-103
8	086390CDI		21	130		SAA_proteins	Serum amyloid A protein	3.00E-85
9	1102322.16		3	803	forward 3	HSP70	Hsp70 protein	2.40E-12
11	1545176CDI		6	612		HSP70	Hsp70 protein	0.00E+00
12	978222.4		1	159	forward 1	HLH	Helix-loop-helix DNA-binding domain	1.10E-10
15	1720920CDI		55	181		laminin_G	Laminin G domain	2.00E-25
17	1857017CDI		475	871		HMG-CoA_re	Hydroxymethylglutaryl-coenzyme A reductase	1.10E-298
19	21114865CDI		46	420		serpin	Serpins (serine protease inhibitors)	1.60E-216
21	2700132CDI		27	91		FHA	FHA domain	4.30E-21
22	238349.2		379	837	forward 1	SCP	SCP-like extracellular protein	1.40E-34
27	2516070CDI		2	265		Apolipoprotein A1/A4/E family		2.00E-137
29	167507CDI		266	370		cystatin	Cystatin domain	3.40E-39
31	3860413CDI		1	61		metalthio	Metalthionein	2.10E-25
33	3393861CDI		234	484		fibrinogen_C	Fibrinogen beta and gamma chains, C-terminal globular domain	3.00E-179
35	2517374CDI		38	183		lipocalin	Lipocalin / cytosolic fatty-acid binding protein family	2.10E-33
36	030850.7		1	396	forward 1	arf	ADP-ribosylation factor family	1.30E-05
40	1269631CDI		1651	1735		fn3	Fibronectin type III domain	9.40E-10
40	1269631CDI		1197	1237		ldl_recept_a	Low-density lipoprotein receptor domain class A	2.50E-17
40	1269631CDI		888	931		ldl_recept_b	Low-density lipoprotein receptor repeat class B	2.00E-06
47	476301CDI		28	586		transketolase	Transketolase	7.20E-124
54	978740.3		1182	1487	forward 3	PH	PH domain	5.10E-06
54	978740.3		516	1049	forward 3	RhoGEF	RhoGEF domain	1.10E-23
58	2797839CDI		300	585		Nol1_Nop2_S	NOL1/NOP2/sun family	2.80E-157
60	348072.5		860	1411	forward 2	vwa	von Willebrand factor type A domain	8.80E-13
62	085596CDI		17	126		cystatin	Cystatin domain	3.10E-25
66	3603037CDI		340	364		zf-C2H2	Zinc finger, C2H2 type	5.50E-07
68	088564CDI		24	89		IL8	Small cytokines (interleukin-8 like)	2.50E-10
70	407096.2		1111	1953	forward 1	pyr_redox	Pyridine nucleotide-disulphide oxidoreductase class-I	7.60E-05
70	407096.2		593	1489	forward 2	pyr_redox	Pyridine nucleotide-disulphide oxidoreductase class-I	3.20E-06
70	407096.2		786	1730	forward 3	pyr_redox	Pyridine nucleotide-disulphide oxidoreductase class-I	1.70E-09
71	209265.54		2041	2250	forward 1	SH3	SH3 domain	1.30E-05
73	701484CDI		8	614		HSP70	Hsp70 protein	0.00E+00
74	251859.2		348	632	forward 3	FKBP	FKBP-type peptidyl-prolyl cis-trans isomerases	9.40E-49
76	3766715CDI		170	198		TPR	TPR Domain	7.70E-04
83	1434821CDI		30	71		trefoil	Trefoil (P-type) domain	1.00E-24

TABLE 4

84	289671.27	1273	1614	forward 1	GSHPx	Glutathione peroxidases	4.40E-68
86	1282225CDI	2	127		lipocalin	Lipocalin / cytosolic fatty-acid binding protein family	6.90E-25
87	263336.57	55	171	forward 1	metalthio	Metallothionein	8.20E-06
88	464689.40	443	631	forward 2	cystatin	Cystatin domain	6.90E-21
91	243794.23	270	434	forward 3	Ribosomal_S1	Ribosomal protein S14p/S29e	6.80E-19
98	347055.4	279	1649	forward 3	HMG_CoA_s1	Hydroxymethylglutaryl-coenzyme A synthase	0.00E+00
99	898899.11	661	1266	forward 1	trypsin	Trypsin	2.10E-39
99	898899.11	281	517	forward 2	kringle	Kringle domain	1.50E-50
100	898899.32	1222	1383	forward 1	kringle	Kringle domain	5.60E-09
100	898899.32	379	609	forward 1	PAN	PAN domain	1.50E-06
100	898899.32	1367	1543	forward 2	kringle	Kringle domain	1.10E-07
100	898899.32	2141	2785	forward 2	trypsin	Trypsin	4.50E-46
100	898899.32	723	965	forward 3	kringle	Kringle domain	1.40E-21
102	2047630CDI	206	557		Asn_synthase	Asparagine synthase	9.00E-261
102	2047630CDI	2	148		GATase_2	Glutamine amidotransferases class-II	9.90E-65
103	1039889.8	265	1002	forward 1	actin	Actin	2.40E-83
103	1039889.8	968	1204	forward 2	actin	Actin	5.30E-43
103	1039889.8	1281	1694	forward 3	actin	Actin	4.40E-67
105	1272969CDI	79	391		filament	Intermediate filament proteins	4.30E-157
109	1448817CDI	30	89		IGFBP	Insulin-like growth factor binding proteins	2.20E-23
109	1448817CDI	176	251		thyroglobulin_1	Thyroglobulin type-1 repeat	5.50E-40
110	1100769.2	262	603	forward 1	Ribosomal_S2	Ribosomal protein S26e	9.20E-75
110	1100769.2	663	884	forward 3	Ribosomal_S2	Ribosomal protein S26e	9.80E-30
112	225080.16	510	641	forward 3	prenyltrans	Prenyltransferase and squalene oxidase repeat	6.50E-13
113	334851.5	138	452	forward 3	CH	Calponin homology (CH) domain	2.00E-25
114	995529.7	46	726	forward 1	pkinaase	Eukaryotic protein kinase domain	6.00E-46
115	995529.8	53	766	forward 2	pkinaase	Eukaryotic protein kinase domain	1.00E-87
115	995529.8	795	872	forward 3	pkinaase	Eukaryotic protein kinase domain	2.70E-07
116	201851.1	1634	1750	forward 2	WD40	WD domain, G-beta repeat	1.20E-08
118	059509CDI	153	280		TNF	TNF(Tumor Necrosis Factor) family	4.00E-15
119	481231.14	112	573	forward 1	Apolipoprotein A1/A4/E family	Apolipoprotein A1/A4/E family	5.80E-34
124	153825.1	820	951	forward 1	hemopexin	Hemopexin	3.80E-14
124	153825.1	42	497	forward 3	Peptidase_M11	Matrixin	5.70E-13
127	1459432CDI	57	311		7tm_1	7 transmembrane receptor (rhodopsin family)	2.30E-64
130	516300CDI	87	174		lectin_c	Lectin C-type domain	7.50E-05
132	627856CDI	143	239		tRNA_bind	Putative tRNA binding domain	5.80E-46
135	232567.4	902	1042	forward 2	kazal	Kazal-type serine protease inhibitor domain	2.30E-17
139	360961.19	1186	1266	forward 1	S-AdoMet_syl	S-adenosylmethionine synthetase	1.80E-22

TABLE 4

139	360961.19	149	604	forward 2	S-AdoMet_syl S-adenosylmethionine synthetase	4.00E-87
141	809809CDI	264	303	zf-C3HC4	Zinc finger, C3HC4 type (RING finger)	8.10E-06
143	2558815CDI	45	511	aldehy	Aldehyde dehydrogenase family	3.50E-216
144	242010.16	217	2037	forward 1	Hsp70 protein	0.00E+00
146	1678695CDI	6	612	HSP70	Hsp70 protein	0.00E+00
147	988653.1	1295	1369	forward 2	zf-C2H2	1.00E-06
149	1250434CDI	303	346	PAC	PAC motif	1.60E-10
151	442308.1	294	464	forward 3	homeobox	2.70E-27
154	014284CDI	231	458	Peptidase_C1	Papain family cysteine protease	8.30E-106
160	405844.21	133	498	forward 1	Ephrin	7.60E-80
161	405844.22	157	573	forward 1	Ephrin	1.30E-96
163	2705515CDI	158	381	RNA-synt_1b	RNA synthetases class I (W and Y)	1.10E-37
163	2705515CDI	12	68	WHEP-TRS	WHEP-TRS domain containing proteins	2.90E-30
165	2023119CDI	39	665	PHO4	Phosphate transporter family	0.00E+00
166	100084.27	152	1423	forward 2	tubulin	2.40E-279
169	206044.1	248	532	forward 2	serpin	7.10E-25
170	382906.16	182	226	forward 2	transmembrane 4 family	4.40E-04
171	331306.1	967	1029	forward 1	7tm_1	8.90E-08
171	331306.1	312	1001	forward 3	7tm_1	2.50E-88
172	1094829.20	1365	1559	forward 3	bZIP	2.90E-19
173	1094829.38	1692	1886	forward 3	bZIP	2.90E-19
175	196623.3	511	984	forward 1	ECH	3.80E-06
175	196623.3	159	413	forward 3	ACBP	6.10E-40
176	048488.32	348	2465	forward 3	HSP70	2.70E-220
178	2767012CDI	6	68	DnaJ	DnaJ domain	1.40E-34
178	2767012CDI	220	346	DnaJ_C	DnaJ C terminal region	2.50E-07
178	2767012CDI	121	207	DnaJ_CXXCX	DnaJ central domain (4 repeats)	5.80E-43
180	1651724CDI	40	400	Orn_DAP_Arj	Pyridoxal-dependent decarboxylase	2.30E-202
184	2706645CDI	53	81	efhand	EF hand	5.90E-06
184	2706645CDI	4	47	S_100	S-100/CaBP type calcium binding domain	3.60E-23
185	474372.7	406	1164	forward 1	pkinese	3.80E-88
187	3592543CDI	250	314	bZIP	bZIP transcription factor	4.90E-22
189	048612.13	203	1984	forward 2	PEPCK	0.00E+00
190	245259.16	398	955	forward 2	ras	6.90E-91
192	522433CDI	211	308	TGF-beta	Transforming growth factor beta like domain	6.80E-19
195	2048551CDI	1	61	metalthio	Metalthionein	1.80E-24
198	1326983.14	518	1768	forward 2	Aa_trans	9.50E-15
198	1326983.14	518	1768	forward 2	Aa_trans	9.50E-15

TABLE 4

202	3551330CDI	4	61	LIM	LIM domain containing proteins	2.10E-19
204	1440032CDI	8	614	HSP70	Hsp70 protein	0.00E+00
205	1000133.1	199	321	forward 1	Thymosin beta-4 family	1.90E-21
207	4020439CDI	1	114	Ribosomal_S2	Ribosomal protein S26e	4.70E-67
213	021524.9	318	434	forward 3	WD domain, G-beta repeat	1.80E-06
215	344553.1	159	1820	forward 3	Vitellogenin_N Lipoprotein amino terminal region	1.80E-160
216	410785.1	72	1535	forward 3	sugar_tr	2.40E-200
217	237623.6	155	280	forward 2	Trefoil (P-type) domain	2.00E-25
219	1099500.15	466	1116	forward 1	Hsp90 protein	1.20E-128
219	1099500.15	263	472	forward 2	Hsp90 protein	5.50E-41
219	1099500.15	102	287	forward 3	Hsp90 protein	1.00E-41
220	1099500.18	1187	1630	forward 2	Hsp90 protein	1.70E-113
220	1099500.18	480	2609	forward 3	Hsp90 protein	0.00E+00
222	2278688CDI	54	441	Peptidase_M1	Peptidase family M1	2.90E-234
223	380283.1	111	392	forward 3	SCAN domain	2.80E-11
223	380283.1	2889	2957	forward 3	zf-C2H2	3.20E-06
232	575983CDI	8	79	ubiquitin	Ubiquitin family	7.90E-09
235	1989186CDI	447	752	HECT	HECT-domain (ubiquitin-transferase).	5.70E-130
235	1989186CDI	289	318	WW	WW domain	3.00E-16
238	420527.25	924	1871	forward 3	Eukaryotic protein kinase domain	5.90E-79
239	998034.3	931	1152	forward 1	transcript_fac2 Transcription factor TFIIB repeat	5.80E-19
240	474165.26	244	465	forward 1	PW1 domain	2.60E-41
242	697785CDI	22	126	Gal-bind_lecti	Vertebrate galactoside-binding lectins	2.90E-65
243	346209.3	285	2861	Myosin_tail	Myosin tail	2.00E-181
245	167772CDI	1	61	metalthio	Metallothionein	2.20E-23
247	2514988CDI	2	284	Apolipoprotein	Apolipoprotein A1/A4/E family	9.20E-144
248	481231.16	77	823	forward 2	Apolipoprotein A1/A4/E family	2.90E-123
249	481231.17	829	1599	forward 1	Apolipoprotein A1/A4/E family	2.20E-130
249	481231.17	216	986	forward 3	Apolipoprotein A1/A4/E family	1.60E-103
250	1045853.2	955	1713	forward 1	NAD_Gly3P_NAD-dependent glycerol-3-phosphate dehydrogenase	2.00E-11
250	1045853.2	1889	2413	forward 2	transport_prot Serum albumin family	1.20E-89
251	336615.1	86	874	forward 2	Tub family	3.00E-195
254	1081605.3	177	365	forward 3	KRAB box	4.10E-29
254	1081605.3	2649	2717	forward 3	zf-C2H2	3.90E-08
256	480169.76	337	453	forward 1	WD domain, G-beta repeat	2.80E-07
260	2993696CDI	30	636	WD40	Hsp70 protein	0.00E+00
266	253783.3	976	1185	forward 1	rrm	6.40E-21
266	253783.3	976	1185	forward 1	rrm	6.40E-21

TABLE 4

268	902559.1	733	1191	forward 1	Furin-like	Furin-like cysteine rich region	1.70E-97
268	902559.1	358	732	forward 1	Recep_L_dom	Receptor L domain	6.50E-60
268	902559.1	2238	2996	forward 3	pkinese	Eukaryotic protein kinase domain	3.20E-61
272	2757583CDI	1	61		metalthio	Metalthionein	1.20E-24
275	1508254CDI	16	463		hexokinase	Hexokinase	0.00E+00
278	2457215CDI	299	364		rrm	RNA recognition motif. (a.k.a. RRM, RBD, or RNP domain)	8.40E-16
285	1427459CDI	22	60		zf-C3HC4	Zinc finger, C3HC4 type (RING finger)	5.60E-14
288	241291.28	3067	3267	forward 1	FYVE	FYVE zinc finger	9.30E-21
291	3993708CDI	2	42		Thymosin	Thymosin beta-4 family	1.80E-24
292	1000133.12	76	198	forward 1	Thymosin	Thymosin beta-4 family	1.80E-24
298	898779CDI	136	239		Gal-bind_lecti	Vertebrate galactoside-binding lectins	3.80E-50
304	348082.7	686	946	forward 2	PDZ	PDZ domain (Also known as DHR or GLGF).	1.20E-19
305	1097910.1	53	835	forward 2	p450	Cytochrome P450	4.60E-107
311	2253717CDI	48	141		FKBP	FKBP-type peptidyl-prolyl cis-trans isomerases	1.40E-27
318	2477616CDI	11	133		NTF2	Nuclear transport factor 2 (NTF2) domain	5.30E-67
318	2477616CDI	342	402		rrm	RNA recognition motif. (a.k.a. RRM, RBD, or RNP domain)	1.70E-12
319	360532.1	574	660	forward 1	efhand	EF hand	3.00E-08
320	360532.9	473	559	forward 2	efhand	EF hand	3.00E-08
322	478620.53	924	1163	forward 3	rrm	RNA recognition motif. (a.k.a. RRM, RBD, or RNP domain)	1.10E-17
322	478620.53	1329	1424	forward 3	zf-RanBP	Zn-finger in Ran binding protein and others.	1.50E-11
325	474588.21	2263	2460	forward 1	rrm	RNA recognition motif. (a.k.a. RRM, RBD, or RNP domain)	9.20E-21
325	474588.21	1863	2075	forward 3	rrm	RNA recognition motif. (a.k.a. RRM, RBD, or RNP domain)	6.90E-09
333	4005778CDI	13	169		ferritin	Ferritins	6.90E-99
334	995575.17	439	1260	forward 1	NAP_family	Nucleosome assembly protein (NAP)	8.80E-191
336	863406CDI	15	717		Cullin	Cullin family	2.50E-234
337	413864.17	910	1008	forward 1	ank	Ank repeat	2.30E-07
338	350106.16	574	1905	forward 1	GLFV_dehydr	Glutamate/Leucine/Phenylalanine/Valine dehydrogenase	1.70E-200
341	255824.39	568	1317	forward 1	glycolytic_enz	Fructose-bisphosphate aldolase class-I	9.60E-192
341	255824.39	276	581	forward 3	glycolytic_enz	Fructose-bisphosphate aldolase class-I	2.70E-65
343	2706606CDI	15	364		glycolytic_enz	Fructose-bisphosphate aldolase class-I	7.60E-270
345	1039889.26	515	1279	forward 2	actin	Actin	3.90E-190
345	1039889.26	117	491	forward 3	actin	Actin	2.40E-89
346	481480.7	112	348	forward 1	ICE_p10	ICE-like protease (caspase) p10 domain	6.40E-41
351	331104.2	481	2220	forward 1	PAL	Phenylalanine and histidine ammonia-lyases	0.00E+00
352	348390.2	108	413	forward 3	actin	Actin	9.40E-59
357	364726.10	333	647	forward 3	Guanylate_kin	Guanylate kinase	7.10E-17
358	364726.12	2317	2631	forward 1	Guanylate_kin	Guanylate kinase	5.60E-10
358	364726.12	223	483	forward 1	PDZ	PDZ domain (Also known as DHR or GLGF).	9.20E-20

TABLE 4

360	1505038CD1	54	98	kazal	Kazal-type serine protease inhibitor domain	7.20E-12
367	1719478CD1	1177	1445	ion_trans	Ion transport protein	2.00E-100
368	351157.2	3	134	forward 3	Homeobox domain	6.60E-13
370	088957CD1	28	202	transport_prot	Serum albumin family	1.20E-89
373	1102297.22	1354	2481	forward 1	Actin	1.70E-286
375	171495.1	67	237	forward 1	Homeobox domain	4.10E-34
376	242010.43	2	1267	forward 2	Hsp70 protein	5.00E-129
378	5834958CD1	36	575	SNF	Sodium:neurotransmitter symporter family	0.00E+00
384	1100320.4	237	503	forward 3	Dynein light chain type 1	1.10E-62
386	246727.17	469	678	forward 1	RNA recognition motif. (a.k.a. RRM, RBD, or RNP domain)	1.00E-13
388	1102322.18	5	751	forward 2	Hsp70 protein	3.80E-05
390	2070610CD1	39	412	serpin	Serpins (serine protease inhibitors)	2.70E-194
392	1326902.13	270	473	forward 3	Annexin	5.20E-18
393	1326902.6	919	1122	forward 1	Annexin	5.20E-18
393	1326902.6	459	662	forward 3	Annexin	1.10E-24
394	013521.16	486	734	forward 3	PH domain	1.50E-09



TABLE 5

SEQ ID NO:	TEMPLATE II	START	STOP	FRAME	HIT TYPE
6	3201389CD1	26	52		TM
6	3201389CD1	185	210		TM
6	3201389CD1	145	171		SP
9	1102322.16	127	219	forward 1	SP
9	1102322.16	313	396	forward 1	SP
12	978222.4	533	625	forward 2	SP
13	978222.5	660	737	forward 3	TM
15	1720920CD1	2220	2246		TM
15	1720920CD1	2222	2248		SP
15	1720920CD1	1	30		SP
17	1857017CD1	10	36		TM
33	3393861CD1	1	29		SP
35	2517374CD1	1	34		SP
38	237416.14	570	665	forward 3	SP
38	237416.14	863	940	forward 2	TM
40	1269631CD1	1	28		SP
50	2989375CD1	23	49		SP
54	978740.3	3103	3186	forward 1	TM
54	978740.3	652	741	forward 1	SP
55	400197.1	244	321	forward 1	TM
60	348072.5	243	323	forward 3	SP
60	348072.5	780	881	forward 3	SP
60	348072.5	132	221	forward 3	SP
60	348072.5	1659	1751	forward 3	SP
60	348072.5	10	99	forward 1	SP
68	088564CD1	1	26		SP
69	040429.1	656	739	forward 2	TM
69	040429.1	93	179	forward 3	SP
70	407096.2	1083	1157	forward 3	TM
70	407096.2	1099	1179	forward 1	SP
83	1434821CD1	1	26		SP
84	289671.27	1132	1221	forward 1	SP
84	289671.27	1298	1375	forward 2	SP
88	464689.40	281	361	forward 2	SP
89	155943.1	964	1047	forward 1	SP
89	155943.1	995	1069	forward 2	TM
95	1273641CD1	136	161		SP
98	347055.4	1769	1864	forward 2	SP
100	898899.32	242	337	forward 2	SP
109	1448817CD1	1	31		SP
111	332521.1	397	483	forward 1	SP
112	225080.16	2387	2488	forward 2	SP
114	995529.7	275	358	forward 2	SP
115	995529.8	285	368	forward 3	SP
115	995529.8	1605	1688	forward 3	TM
116	201851.1	3954	4034	forward 3	TM
118	059509CD1	3	32		SP
127	1459432CD1	41	66		TM
130	516300CD1	1	28		SP
147	988653.1	1080	1166	forward 3	SP
147	988653.1	3422	3502	forward 2	TM
150	236196.3	563	643	forward 2	TM

TABLE 5

150	236196.3	754	834	forward 1	SP
150	236196.3	851	928	forward 2	TM
154	014284CD1	1	28		SP
159	978276.8	2041	2115	forward 1	TM
159	978276.8	2041	2115	forward 1	TM
160	405844.21	559	651	forward 1	SP
161	405844.22	649	741	forward 1	SP
165	2023119CD1	23	50		TM
165	2023119CD1	562	587		TM
166	1000084.27	4622	4705	forward 2	SP
166	1000084.27	309	410	forward 3	SP
166	1000084.27	1089	1169	forward 3	SP
166	1000084.27	4170	4259	forward 3	SP
166	1000084.27	4040	4123	forward 2	SP
166	1000084.27	4138	4227	forward 1	SP
167	220134.1	2246	2326	forward 2	TM
168	216331.1	1465	1551	forward 1	TM
170	382906.16	155	238	forward 2	SP
171	331306.1	273	350	forward 3	TM
171	331306.1	2517	2594	forward 3	TM
171	331306.1	897	974	forward 3	TM
171	331306.1	576	659	forward 3	TM
172	1094829.20	1156	1242	forward 1	SP
172	1094829.20	673	756	forward 1	SP
173	1094829.38	1468	1554	forward 1	SP
173	1094829.38	985	1068	forward 1	SP
174	1135580.4	4037	4120	forward 2	TM
174	1135580.4	4599	4685	forward 3	SP
174	1135580.4	4492	4581	forward 1	SP
174	1135580.4	3367	3453	forward 1	SP
174	1135580.4	1701	1790	forward 3	SP
174	1135580.4	4103	4183	forward 2	SP
175	196623.3	659	739	forward 2	SP
176	048488.32	2758	2835	forward 1	TM
182	461707.40	185	268	forward 2	SP
185	474372.7	2106	2198	forward 3	SP
185	474372.7	2084	2164	forward 2	TM
189	048612.13	663	743	forward 3	SP
192	522433CD1	1	29		SP
198	1326983.14	4115	4198	forward 2	TM
198	1326983.14	2343	2423	forward 3	TM
198	1326983.14	114	197	forward 3	TM
198	1326983.14	2467	2550	forward 1	TM
198	1326983.14	1547	1624	forward 2	TM
198	1326983.14	1406	1483	forward 2	TM
198	1326983.14	4115	4198	forward 2	TM
198	1326983.14	2343	2423	forward 3	TM
198	1326983.14	114	197	forward 3	TM
198	1326983.14	2467	2550	forward 1	TM
198	1326983.14	1547	1624	forward 2	TM
198	1326983.14	1406	1483	forward 2	TM
200	2120743CD1	295	323		TM
200	2120743CD1	189	219		SP

TABLE 5

200	2120743CD1	344	374		SP
200	2120743CD1	87	113		SP
211	1097380.1	864	962	forward 3	SP
211	1097380.1	1360	1440	forward 1	TM
214	253987.16	512	592	forward 2	TM
215	344553.1	3343	3420	forward 1	TM
216	410785.1	2055	2141	forward 3	TM
216	410785.1	4411	4494	forward 1	TM
216	410785.1	997	1080	forward 1	SP
216	410785.1	1383	1469	forward 3	TM
216	410785.1	4554	4637	forward 3	TM
217	237623.6	24	104	forward 3	SP
219	1099500.15	10	102	forward 1	TM
222	2278688CD1	1	39		SP
223	380283.1	6996	7079	forward 3	TM
223	380283.1	73	153	forward 1	SP
223	380283.1	3502	3591	forward 1	SP
223	380283.1	7939	8019	forward 1	TM
223	380283.1	6383	6460	forward 2	TM
223	380283.1	6479	6562	forward 2	TM
223	380283.1	6083	6175	forward 2	SP
228	3478236CD1	1	26		SP
228	3478236CD1	191	217		SP
229	147541.17	4089	4178	forward 3	SP
233	413268.6	4424	4513	forward 2	SP
233	413268.6	3689	3772	forward 2	SP
233	413268.6	893	979	forward 2	SP
238	420527.25	660	737	forward 3	TM
238	420527.25	662	742	forward 2	TM
240	474165.26	2961	3074	forward 3	SP
240	474165.26	3015	3098	forward 3	TM
243	346209.3	3564	3650	forward 3	SP
249	481231.17	1760	1846	forward 2	SP
250	1045853.2	1238	1324	forward 2	SP
253	085282.1	339	422	forward 3	TM
258	2636043CD1	117	143		TM
262	240518.34	1591	1701	forward 1	SP
266	253783.3	1181	1264	forward 2	SP
266	253783.3	1181	1264	forward 2	SP
268	902559.1	4378	4464	forward 1	SP
268	902559.1	512	607	forward 2	SP
276	474691.3	1030	1107	forward 1	SP
276	474691.3	3859	3945	forward 1	TM
276	474691.3	3957	4040	forward 3	TM
283	1040190.3	81	164	forward 3	SP
287	1095604.1	182	262	forward 2	SP
288	241291.28	10604	10684	forward 2	SP
288	241291.28	73	153	forward 1	SP
288	241291.28	4075	4176	forward 1	SP
288	241291.28	11296	11373	forward 1	TM
288	241291.28	10088	10168	forward 2	SP
288	241291.28	10841	10921	forward 2	TM
288	241291.28	3228	3311	forward 3	SP

TABLE 5

288	241291.28	655	738	forward 1	SP
294	400253.5	1917	1994	forward 3	SP
294	400253.5	748	828	forward 1	SP
294	400253.5	1063	1152	forward 1	SP
294	400253.5	1963	2040	forward 1	SP
294	400253.5	213	293	forward 3	SP
305	1097910.1	204	284	forward 3	SP
305	1097910.1	582	662	forward 3	SP
306	246841.1	2036	2137	forward 2	SP
307	351241.1	139	219	forward 1	TM
311	2253717CD1	1	27		SP
315	232818.15	204	290	forward 3	SP
315	232818.15	782	862	forward 2	TM
322	478620.53	306	386	forward 3	SP
322	478620.53	227	313	forward 2	SP
322	478620.53	1135	1227	forward 1	SP
325	474588.21	1315	1392	forward 1	TM
328	347796.7	2467	2550	forward 1	TM
334	995575.17	1691	1771	forward 2	SP
334	995575.17	1641	1727	forward 3	TM
334	995575.17	3283	3363	forward 1	TM
337	413864.17	1178	1258	forward 2	TM
337	413864.17	1159	1239	forward 1	TM
350	235447.5	5478	5558	forward 3	TM
351	331104.2	2656	2754	forward 1	SP
356	480375.28	54	134	forward 3	TM
356	480375.28	50	130	forward 2	TM
356	480375.28	54	134	forward 3	TM
356	480375.28	50	130	forward 2	TM
357	364726.10	1380	1466	forward 3	SP
358	364726.12	4106	4183	forward 2	TM
361	903508.12	2552	2632	forward 2	TM
363	346716.21c	529	609	forward 1	SP
367	1719478CD1	1734	1760		TM
367	1719478CD1	1631	1656		TM
367	1719478CD1	380	407		TM
367	1719478CD1	1627	1653		SP
367	1719478CD1	939	967		SP
371	980446.1	353	427	forward 2	TM
373	1102297.22	173	256	forward 2	SP
373	1102297.22	1838	1924	forward 2	SP
374	215112.1	383	466	forward 2	TM
375	171495.1	1008	1097	forward 3	TM
378	5834958CD1	408	435		TM
378	5834958CD1	488	518		SP
378	5834958CD1	373	402		SP
380	333840.1	1873	1950	forward 1	TM
380	333840.1	2180	2269	forward 2	SP
380	333840.1	1818	1901	forward 3	SP
386	246727.17	2262	2348	forward 3	SP
388	1102322.18	155	247	forward 2	SP
397	372647.1	215	295	forward 2	TM
399	209279.1	661	741	forward 1	SP

TABLE 6

SEQ ID NO:	TEMPLATE I	CLONE ID	START	STOP
1	220060.4	26474	1	274
2	016238.1	60123	1	218
3	1266683.1	63038	1	212
4	129384.1c	72713	225	440
5	3201389CB1	85606	1	2537
7	086390CB1	86390	23	647
9	1102322.16	118501	280	852
10	1545176CB1	118501	36	2295
12	978222.4	121785	764	1167
13	978222.5	121785	92	636
14	1720920CB1	136073	71	7699
16	1857017CB1	160822	334	4843
16	1857017CB1	3493710	334	4843
18	2114865CB1	167081	369	1949
20	2700132CB1	172023	70	10502
20	2700132CB1	2470485	70	10502
22	238349.2	211389	4294	4448
23	238349.4c	211389	1	110
24	402917.3c	237027	428	858
25	406330.1	259054	482	1179
26	2516070CB1	271299	757	1693
26	2516070CB1	2517386	757	1693
28	167507CB1	279249	1	1656
30	3860413CB1	279898	1	617
30	3860413CB1	3121871	1	617
32	3393861CB1	280932	28	1656
34	2517374CB1	293477	16	868
36	030850.7	311346	1	483
37	237416.12c	318486	1	567
38	237416.14	318486	93	616
39	1269631CB1	341884	118	6985
41	961189CB1	348143	25	2192
43	246946.1	388964	0	394
44	017958.1	389362	1	259
45	985556.1	407032	906	1234
46	476301CB1	408886	1	2523
48	996427.2	419492	801	2458
49	2989375CB1	437481	1	902
51	236359.2	442723	112	618
52	011112.1c	443991	12	342
53	198268.1	450856	297	854
54	978740.3	452321	2764	3535
55	400197.1	454839	1	1025
56	235687.5c	459372	-27	410
57	2797839CB1	460779	1	2650
59	978690.6	462069	164	864
60	348072.5	480791	1960	2765
61	085596CB1	481402	119	2070
63	103917CB1	510056	39	1674

TABLE 6

65	3603037CB1	511448	1	2979
67	088564CB1	560115	1	823
69	040429.1	604019	736	1087
70	407096.2	630625	2268	3868
71	209265.54	669498	2155	2752
72	701484CB1	701484	-188	2308
74	251859.2	758192	654	3262
75	3766715CB1	773154	1666	5251
77	2049950CB1	818192	347	3779
79	231588.6c	818192	1	557
80	152298.2	872017	84	834
81	199507.1	891322	1	342
82	1434821CB1	963536	-298	620
84	289671.27	970905	2307	2723
85	1282225CB1	990375	130	657
87	263336.57	1213932	4	324
88	464689.40	1259841	1	897
89	155943.1	1272483	339	840
90	243794.19c	1306814	834	1050
91	243794.23	1306814	284	522
92	159309CB1	1308112	21	3061
94	1273641CB1	1315663	127	1425
96	403717.1	1316801	1	773
97	047593.1	1326255	1	794
98	347055.4	1368834	3159	3550
99	898899.11	1379063	1046	1377
100	898899.32	1379063	2052	2524
101	2047630CB1	1381654	180	2123
103	1039889.8	1395143	609	994
104	1272969CB1	1435374	2984	4434
106	282397.85c	1441245	2665	6228
107	282397.94	1441245	1	622
108	1448817CB1	1448718	15	1535
110	1100769.2	1454436	35	697
111	332521.1	1457424	871	1424
112	225080.16	1457718	4047	4330
113	334851.5	1464613	757	1127
114	995529.7	1468660	445	843
115	995529.8	1468660	938	1169
116	201851.1	1482116	3045	3958
117	059509CB1	1495382	16	1623
119	481231.14	1500245	1	406
120	280276CB1	1511658	112	2332
122	4675668CB1	1519431	17	1723
124	153825.1	1519683	560	1056
125	403484.2c	1522880	1695	2180
126	1459432CB1	1522880	1	2144
128	1096583.1	1530595	233	424
129	516300CB1	1559665	1	763
131	627856CB1	1559756	550	1997

TABLE 6

133	1823159CB1	1560906	1	3471
135	232567.4	1577614	513	1142
136	218419.1	1616783	1	184
137	1630551CB1	1619292	2	1229
139	360961.19	1619980	1208	1470
140	809809CB1	1623214	1	2116
142	2558815CB1	1630990	-4	2431
144	242010.16	1696224	1767	2352
145	1678695CB1	1696224	-761	1690
147	988653.1	1705208	1702	2382
148	1250434CB1	1711151	46	3277
150	236196.3	1732221	1	524
151	442308.1	1756875	1	375
152	060957.1	1786554	1	597
153	014284CB1	1822716	2	1900
155	1095192.1	1833362	247	684
156	233003.20	1834236	1	552
157	1911808CB1	1834236	88	3722
159	978276.8	1838114	3037	3497
160	405844.21	1845046	341	938
161	405844.22	1845046	925	1484
162	2705515CB1	1846209	1	2256
164	2023119CB1	1846463	34	3324
166	1000084.27	1861456	1583	1991
166	1000084.27	3679667	1646	2138
167	220134.1	1867614	477	2949
168	216331.1	1869130	1226	1976
169	206044.1	1871340	347	580
170	382906.16	1874037	54	505
171	331306.1	1874307	1576	2007
172	1094829.20	1890576	1268	1652
173	1094829.38	1890576	566	1023
174	1135580.4	1890791	3964	5687
175	196623.3	1920215	1299	1746
176	048488.32	1922468	2741	3572
177	2767012CB1	1926883	17	1485
179	1651724CB1	1930235	41	2059
181	206397.1	1956982	1	237
182	461707.40	1958226	353	701
183	2706645CB1	1963081	13	975
185	474372.7	1966517	2037	2539
186	3592543CB1	1969563	1	2198
188	048612.12c	1975268	872	1420
189	048612.13	1975268	2418	2666
190	245259.16	1998269	1787	2319
191	522433CB1	2042056	15	1251
193	1040667.43	2046717	1	372
194	2048551CB1	2048551	1	558
196	1969731CB1	2055569	3	3038
198	1326983.14	2055867	4029	4749

TABLE 6

199	2120743CB1	2120743	1	3934
201	3551330CB1	2121863	334	770
203	1440032CB1	2123516	622	2962
205	1000133.1	2132285	137	609
206	4020439CB1	2132774	260	700
208	2507087CB1	2160794	1	4241
210	239996.1	2195427	127	589
211	1097380.1	2201708	43	967
212	021524.2c	2208780	3082	3404
213	021524.9	2208780	1272	1527
214	253987.16	2232658	1	360
215	344553.1	2234853	2584	3171
216	410785.1	2241825	4508	4883
217	237623.6	2242817	1	451
218	076047.1	2252107	1	392
219	1099500.15	2273944	1107	1756
220	1099500.18	2273944	2360	2777
221	2278688CB1	2278688	1233	5389
223	380283.1	2293496	7546	7928
224	1720847CB1	2311213	855	1844
226	333776.1c	2343348	126	201
227	3478236CB1	2352645	1	1278
229	147541.17	2360580	1850	3484
230	331120.16c	2365335	4150	4601
231	575983CB1	2382192	1	798
233	413268.6	2382195	2182	4148
234	1989186CB1	2383269	904	3033
236	337448.1c	2394990	1	308
237	228304.19	2399162	636	1144
238	420527.25	2446289	248	2143
239	998034.3	2448149	377	3629
240	474165.26	2453558	105	560
241	697785CB1	2495131	233	770
243	346209.3	2511277	3331	3758
244	167772CB1	2513883	505	974
246	2514988CB1	2514988	199	1492
248	481231.16	2516070	57	461
249	481231.17	2516070	205	1661
249	481231.17	2516104	819	1661
249	481231.17	2516261	197	1659
249	481231.17	2516448	1395	1698
250	1045853.2	2517254	1874	3884
250	1045853.2	5398014	1874	3898
251	336615.1	2520894	1088	1325
252	1328423.2	2527879	423	938
253	085282.1	2545486	83	487
254	1081605.3	2550767	3196	3739
255	1053517.1	2579218	1	233
256	480169.76	2607921	716	2565
257	2636043CB1	2636043	98	1101



TABLE 6

259	2993696CB1	2641522	-8	2532
261	240518.21	2660756	1	333
262	240518.34	2660756	534	1026
263	001322.4c	2663164	1069	3206
264	350502.3	2675232	39	440
265	350502.4c	2675232	547	1016
266	253783.3	2695371	993	1843
267	085119.1	2708055	577	869
268	902559.1	2740665	5148	5635
269	4113161CB1	2756333	108	2295
271	2757583CB1	2757583	268	709
273	198317.1	2765271	29	881
274	1508254CB1	2769888	1363	4652
276	474691.3	2813255	820	1466
277	2457215CB1	2820337	1	3437
279	201395.4c	2822027	4780	5689
280	233189.21	2825358	85	565
281	196606.6c	2830828	1	566
282	196606.8c	2830828	113	696
283	1040190.3	2831490	38	1110
284	1427459CB1	2860918	-28	1364
286	480453.16c	2879068	2710	3067
287	1095604.1	2884613	3	282
288	241291.28	2890336	2125	2463
289	230611.1	2891601	1	64
290	3993708CB1	2899419	59	633
292	1000133.12	2899419	13	307
293	400253.17c	2912637	4051	4601
294	400253.5	2912637	238	742
295	030882CB1	2912830	67	443
297	898779CB1	2921194	294	1408
299	3727408CB1	2921991	4	532
301	984236.1c	2925373	47	494
302	984236.2c	2925373	223	494
303	348082.5	2929484	193	582
304	348082.7	2929484	516	980
305	1097910.1	2933775	389	886
306	246841.1	2953987	2907	3189
307	351241.1	2955163	312	757
308	2790762CB1	2956444	158	1221
310	2253717CB1	2957205	103	815
312	2655184CB1	2991027	401	1496
314	363000.9c	2991027	1014	1447
315	232818.15	2992044	1069	1721
316	347781.10	2999855	576	937
317	2477616CB1	2999855	1	2835
319	360532.1	3026540	210	800
320	360532.9	3026540	79	1158
321	110245.1	3028719	1	396
322	478620.53	3038508	1447	1779

TABLE 6

323	1813444CB1	3038508	7	1694
325	474588.21	3070625	1761	2181
326	407838.1	3074113	234	997
327	994387.19	3084204	1	509
328	347796.7	3108506	395	687
329	406498.4c	3109384	112	525
330	3346307CB1	3120209	2	1747
332	4005778CB1	3121380	208	1220
334	995575.17	3123731	2033	2944
335	863406CB1	3128810	62	4366
337	413864.17	3129338	1	1603
338	350106.16	3136857	1045	1577
339	399785.1	3158828	199	627
340	010498.19	3170010	3434	4175
341	255824.39	3208425	258	755
342	2706606CB1	3208425	347	1869
344	118006.1	3222802	1	162
345	1039889.26	3225977	64	1971
346	481480.7	3240708	1	392
347	662575CB1	3272165	17	1864
349	027619.3	3284411	5	813
350	235447.5	3345528	8274	8706
351	331104.2	3380034	2256	3067
352	348390.2	3381870	50	205
353	127004.1	3407653	1	640
354	026190.1	3427373	970	1345
355	250330.1	3472927	1	554
356	480375.28	3493381	100	548
357	364726.10	3494714	1	498
358	364726.12	3494714	3939	4473
359	1505038CB1	3606046	7	3701
361	903508.12	3715059	1589	2966
362	346716.17c	3792988	6200	6704
363	346716.21c	3792988	55	705
364	330776.1	3815422	2049	2357
365	407999.1c	4019706	1	368
366	1719478CB1	4066764	1	6348
368	351157.2	4070979	59	653
369	088957CB1	4087621	1888	4200
369	088957CB1	5398701	1888	4200
371	980446.1	4091186	1	801
372	198827.1	4092112	90	1147
373	1102297.22	4107126	1584	1682
374	215112.1	4110976	1	522
375	171495.1	4203937	51	1219
376	242010.43	4246966	150	335
377	5834958CB1	4254855	1	2919
379	335648.1c	4284384	33	430
380	333840.1	4287327	1166	1659
381	480885.2	4403805	190	2066

TABLE 6

382	998106.8c	4508879	15	869
383	400701.4	4549259	1	449
384	1100320.4	4556538	14	796
385	246727.11	4715924	272	642
386	246727.17	4715924	1249	1618
387	1102322.12c	4721130	207	672
388	1102322.18	4721130	844	1068
389	2070610CB1	4795635	249	1680
391	336733.3	5047895	1	420
392	1326902.13	5077219	105	580
393	1326902.6	5077219	983	1443
394	013521.16	5093071	312	767
395	985369.1	5102731	337	1131
396	002455.1	5266015	670	1134
397	372647.1	5266376	81	792
398	208075.1	5293028	417	737
399	209279.1	5399371	2090	2521
400	381058.1	5512044	1	517
401	046977.1	5541949	1	308

TABLE 7

SEQ ID NO:	Template ID	Tissue Distribution
1	220060.4	Liver - 35%, Sense Organs - 28%, Nervous System - 14%
3	1266683.1	Embryonic Structures - 100%
4	129384.1c	Skin - 64%, Respiratory System - 14%, Hemic and Immune System - 14%
9	1102322.16	Skin - 12%, Sense Organs - 11%
12	978222.4	Germ Cells - 42%, Unclassified/Mixed - 15%, Musculoskeletal System - 10%, Female Genitalia - 10%
13	978222.5	Connective Tissue - 18%, Male Genitalia - 18%, Musculoskeletal System - 15%
22	238349.2	Embryonic Structures - 17%
23	238349.4c	Hemic and Immune System - 100%
24	402917.3c	Digestive System - 42%, Urinary Tract - 40%
25	406330.1	Germ Cells - 64%, Nervous System - 36%
37	237416.12c	Unclassified/Mixed - 93%
38	237416.14	Exocrine Glands - 17%, Liver - 16%, Female Genitalia - 14%
43	246946.1	Female Genitalia - 86%, Hemic and Immune System - 10%
45	985556.1	Hemic and Immune System - 29%, Respiratory System - 13%
48	996427.2	Hemic and Immune System - 19%, Exocrine Glands - 13%, Respiratory System - 12%
51	236359.2	Connective Tissue - 54%, Hemic and Immune System - 46%
53	198268.1	Hemic and Immune System - 82%, Male Genitalia - 18%
54	978740.3	Sense Organs - 14%, Germ Cells - 11%
55	400197.1	Skin - 37%, Pancreas - 13%, Embryonic Structures - 12%
56	235687.5c	Germ Cells - 44%, Skin - 23%, Unclassified/Mixed - 16%
59	978690.6	Unclassified/Mixed - 33%, Nervous System - 21%, Respiratory System - 19%
60	348072.5	Liver - 90%
70	407096.2	Connective Tissue - 15%
71	209265.54	Germ Cells - 27%, Musculoskeletal System - 11%
79	231588.6c	Respiratory System - 25%, Female Genitalia - 25%, Nervous System - 17%, Digestive System - 17%, Hemic and Immune System - 17%
80	152298.2	Respiratory System - 60%, Digestive System - 40%
81	199507.1	Nervous System - 50%, Digestive System - 50%
84	289671.27	Sense Organs - 26%, Urinary Tract - 19%
87	263336.57	Liver - 23%, Urinary Tract - 17%, Hemic and Immune System - 17%
88	464689.40	Female Genitalia - 13%, Liver - 11%
89	155943.1	Unclassified/Mixed - 33%, Germ Cells - 30%
90	243794.19c	Stomatognathic System - 14%
96	403717.1	Unclassified/Mixed - 44%, Embryonic Structures - 21%, Urinary Tract - 19%
98	347055.4	Skin - 15%, Liver - 12%
99	898899.11	Liver - 41%, Respiratory System - 14%, Pancreas - 12%
100	898899.32	Liver - 62%, Urinary Tract - 12%
106	282397.85c	Embryonic Structures - 11%

TABLE 7

107	282397.94	Endocrine System - 71%, Hemic and Immune System - 29%
110	1100769.2	Pancreas - 10%
111	332521.1	Unclassified/Mixed - 19%, Embryonic Structures - 18%, Musculoskeletal System - 12%
112	225080.16	Skin - 18%
113	334851.5	Liver - 16%, Exocrine Glands - 12%, Digestive System - 11%
114	995529.7	Pancreas - 27%, Hemic and Immune System - 23%, Exocrine Glands - 14%
115	995529.8	Unclassified/Mixed - 24%, Hemic and Immune System - 15%
116	201851.1	Sense Organs - 21%, Unclassified/Mixed - 11%, Nervous System - 11%
119	481231.14	Liver - 84%, Digestive System - 12%
124	153825.1	Embryonic Structures - 43%, Connective Tissue - 16%, Unclassified/Mixed - 12%
125	403484.2c	Germ Cells - 83%
128	1096583.1	Pancreas - 42%, Unclassified/Mixed - 42%, Cardiovascular System - 17%
135	232567.4	Skin - 29%, Germ Cells - 22%
136	218419.1	Unclassified/Mixed - 42%, Connective Tissue - 29%, Nervous System - 17%
139	360961.19	Connective Tissue - 13%, Endocrine System - 13%, Skin - 11%
144	242010.16	Nervous System - 18%, Musculoskeletal System - 16%
147	988653.1	Connective Tissue - 12%, Exocrine Glands - 12%
150	236196.3	Endocrine System - 15%, Musculoskeletal System - 14%, Liver - 10%
151	442308.1	Endocrine System - 78%, Nervous System - 22%
155	1095192.1	Nervous System - 100%
156	233003.20	Digestive System - 67%, Nervous System - 33%
159	978276.8	Sense Organs - 12%, Unclassified/Mixed - 11%
160	405844.21	Embryonic Structures - 18%, Liver - 16%, Exocrine Glands - 11%
161	405844.22	Embryonic Structures - 11%
167	220134.1	Skin - 22%, Liver - 14%
169	206044.1	Skin - 81%, Unclassified/Mixed - 19%
170	382906.16	Skin - 35%, Pancreas - 25%, Hemic and Immune System - 13%
171	331306.1	Hemic and Immune System - 25%, Unclassified/Mixed - 13%, Respiratory System - 13%
172	1094829.20	Musculoskeletal System - 10%
173	1094829.38	Stomatognathic System - 11%
174	1135580.4	Nervous System - 22%, Unclassified/Mixed - 15%, Connective Tissue - 11%
181	206397.1	Connective Tissue - 100%
182	461707.40	Liver - 27%, Sense Organs - 26%
185	474372.7	Hemic and Immune System - 15%
190	245259.16	Urinary Tract - 12%, Germ Cells - 11%
193	1040667.43	Hemic and Immune System - 100%
198	1326983.14	Liver - 10%
205	1000133.1	Stomatognathic System - 13%, Cardiovascular System - 12%

TABLE 7

210	239996.1	Skin - 45%, Connective Tissue - 23%, Hemic and Immune System - 19%
211	1097380.1	Sense Organs - 14%, Embryonic Structures - 11%
214	253987.16	Urinary Tract - 27%, Cardiovascular System - 18%, Musculoskeletal System - 14%
215	344553.1	Digestive System - 38%, Liver - 19%, Pancreas - 18%
216	410785.1	Liver - 53%, Hemic and Immune System - 14%, Urinary Tract - 12%
217	237623.6	Digestive System - 38%, Pancreas - 19%, Respiratory System - 11%
219	1099500.15	Stomatognathic System - 11%
220	1099500.18	Nervous System - 11%
223	380283.1	Embryonic Structures - 31%, Endocrine System - 13%
226	333776.1c	Hemic and Immune System - 71%, Male Genitalia - 29%
229	147541.17	Sense Organs - 12%
230	331120.16c	Liver - 13%, Germ Cells - 12%, Unclassified/Mixed - 11%
233	413268.6	Stomatognathic System - 11%
236	337448.1c	Unclassified/Mixed - 49%, Germ Cells - 23%, Male Genitalia - 14%
237	228304.19	Liver - 42%, Unclassified/Mixed - 10%
238	420527.25	Sense Organs - 12%
239	998034.3	Germ Cells - 23%
243	346209.3	Digestive System - 24%, Pancreas - 12%
248	481231.16	Liver - 83%, Digestive System - 12%
249	481231.17	Liver - 70%, Digestive System - 14%
250	1045853.2	Liver - 93%
251	336615.1	Sense Organs - 57%, Endocrine System - 15%, Unclassified/Mixed - 11%
252	1328423.2	Endocrine System - 17%, Embryonic Structures - 11%
254	1081605.3	Unclassified/Mixed - 26%, Endocrine System - 16%, Male Genitalia - 13%
255	1053517.1	Urinary Tract - 100%
261	240518.21	Liver - 26%, Respiratory System - 19%, Connective Tissue - 17%
262	240518.34	Pancreas - 10%
264	350502.3	Connective Tissue - 44%, Cardiovascular System - 25%, Urinary Tract - 25%
265	350502.4c	Exocrine Glands - 28%, Urinary Tract - 28%, Cardiovascular System - 14%
266	253783.3	Male Genitalia - 30%, Urinary Tract - 27%, Nervous System - 24%
268	902559.1	Digestive System - 12%, Exocrine Glands - 11%, Urinary Tract - 10%
273	198317.1	Musculoskeletal System - 16%, Exocrine Glands - 15%, Embryonic Structures - 12%, Unclassified/Mixed - 12%
276	474691.3	Germ Cells - 14%
279	201395.4c	Nervous System - 38%, Endocrine System - 14%
280	233189.21	Liver - 30%
281	196606.6c	Hemic and Immune System - 100%
282	196606.8c	Sense Organs - 11%, Connective Tissue - 11%
283	1040190.3	Hemic and Immune System - 37%, Germ Cells - 13%

TABLE 7

286	480453.16c	Urinary Tract - 10%
287	1095604.1	Skin - 28%, Embryonic Structures - 19%, Endocrine System - 14%
289	230611.1	Respiratory System - 60%, Hemic and Immune System - 40%
292	1000133.12	Cardiovascular System - 15%
293	400253.17c	Germ Cells - 31%
294	400253.5	Liver - 41%, Urinary Tract - 19%, Exocrine Glands - 19%
301	984236.1c	Digestive System - 35%, Liver - 30%, Female Genitalia - 14%
302	984236.2c	Digestive System - 72%, Exocrine Glands - 22%
303	348082.5	Connective Tissue - 36%, Germ Cells - 19%
304	348082.7	Embryonic Structures - 38%, Skin - 23%, Digestive System - 10%
305	1097910.1	Liver - 48%, Male Genitalia - 20%, Endocrine System - 11%
306	246841.1	Sense Organs - 30%
307	351241.1	Urinary Tract - 36%, Hemic and Immune System - 36%, Musculoskeletal System - 27%
315	232818.15	Skin - 12%
316	347781.10	Skin - 20%
319	360532.1	Stomatognathic System - 67%, Musculoskeletal System - 16%, Cardiovascular System - 12%
320	360532.9	Musculoskeletal System - 49%, Cardiovascular System - 22%, Sense Organs - 11%
321	110245.1	Cardiovascular System - 67%, Hemic and Immune System - 33%
325	474588.21	Female Genitalia - 17%, Respiratory System - 15%, Embryonic Structures - 13%
326	407838.1	Musculoskeletal System - 60%, Respiratory System - 30%, Nervous System - 10%
327	994387.19	Female Genitalia - 75%, Nervous System - 25%
328	347796.7	Stomatognathic System - 13%
329	406498.4c	Sense Organs - 75%, Unclassified/Mixed - 14%
334	995575.17	Sense Organs - 14%
337	413864.17	Liver - 18%, Respiratory System - 12%, Exocrine Glands - 11%
339	399785.1	Pancreas - 31%, Unclassified/Mixed - 31%, Male Genitalia - 16%
341	255824.39	Stomatognathic System - 15%, Musculoskeletal System - 13%
344	118006.1	Digestive System - 100%
346	481480.7	Digestive System - 100%
350	235447.5	Embryonic Structures - 11%, Liver - 11%
351	331104.2	Liver - 64%, Hemic and Immune System - 10%
352	348390.2	Digestive System - 46%, Female Genitalia - 21%, Male Genitalia - 20%
353	127004.1	Germ Cells - 84%
355	250330.1	Hemic and Immune System - 63%, Respiratory System - 38%
356	480375.28	Musculoskeletal System - 46%, Endocrine System - 38%, Male Genitalia - 15%
357	364726.10	Sense Organs - 39%
358	364726.12	Sense Organs - 15%, Unclassified/Mixed - 14%
361	903508.12	Embryonic Structures - 35%, Germ Cells - 15%, Liver - 14%

TABLE 7

362	346716.17c	Unclassified/Mixed - 23%, Germ Cells - 11%, Hemic and Immune System - 10%
363	346716.21c	Cardiovascular System - 18%, Nervous System - 18%, Endocrine System - 13%, Male Genitalia - 13%
364	330776.1	Sense Organs - 17%, Connective Tissue - 15%
365	407999.1c	Nervous System - 100%
368	351157.2	Urinary Tract - 80%, Hemic and Immune System - 20%
371	980446.1	Embryonic Structures - 31%, Nervous System - 16%, Connective Tissue - 11%, Male Genitalia - 11%
372	198827.1	Connective Tissue - 25%, Nervous System - 17%, Exocrine Glands - 11%
374	215112.1	Male Genitalia - 83%, Nervous System - 17%
375	171495.1	Unclassified/Mixed - 43%, Cardiovascular System - 18%, Respiratory System - 14%
376	242010.43	Musculoskeletal System - 21%, Nervous System - 20%
379	335648.1c	Liver - 72%, Exocrine Glands - 18%
380	333840.1	Liver - 71%, Urinary Tract - 20%
381	480885.2	Connective Tissue - 14%, Male Genitalia - 14%
382	998106.8c	Unclassified/Mixed - 36%, Respiratory System - 26%
383	400701.4	Nervous System - 43%, Endocrine System - 36%, Female Genitalia - 21%
384	1100320.4	Nervous System - 10%, Skin - 10%, Respiratory System - 10%, Endocrine System - 10%
385	246727.11	Embryonic Structures - 26%, Connective Tissue - 21%, Male Genitalia - 15%
386	246727.17	Sense Organs - 13%
387	1102322.12c	Musculoskeletal System - 41%, Hemic and Immune System - 34%
388	1102322.18	Sense Organs - 25%, Connective Tissue - 10%
391	336733.3	Cardiovascular System - 25%, Embryonic Structures - 25%, Skin - 13%
392	1326902.13	Musculoskeletal System - 25%, Pancreas - 19%, Digestive System - 13%
393	1326902.6	Connective Tissue - 12%
395	985369.1	Germ Cells - 16%, Male Genitalia - 12%
397	372647.1	Nervous System - 100%
398	208075.1	Hemic and Immune System - 28%, Unclassified/Mixed - 20%, Exocrine Glands - 13%
399	209279.1	Liver - 76%
400	381058.1	Male Genitalia - 67%, Nervous System - 33%